

MICROCOPY RESOLUTION TEST CHART
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AD-A134208

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DS-831036

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Air Weather Service (MAC)

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"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

STATION: WPT
N 42 53 W 082 01 ELEV 740 FT MNO #100375
MO 1983

DATE: 4-7 HOURS OBSERVED: 0500Z - 1000Z

PERIOD OF RECORD:
MONTHS OBSERVED: FEB 73 - MAR 81
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LMT: +1

AUG 05 1983

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-83/036	2. GOVT ACCESSION NO. AD-A134208	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Limited Surface Observations Climatic Summary (LISOCS) - FINTHEN AAF, GERMANY (WEST)	5. TYPE OF REPORT & PERIOD COVERED Final Rept	
	6. PERFORMING ORG. REPORT NUMBER	
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16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES Limited-duty weather observation site.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*LISOCS	Climatology	Weather conditions
*RUSSWO	Surface winds	Relative humidity
*Climatological data	Sea-level pressure	Station pressure
Psychrometric summary	Atmospheric pressure	Ceiling versus Visibility
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is similar to a Revised Uniform Summary of Surface Weather Observations (RUSSWO) except the summary generated is from data observed at limited-duty observation sites. This summary is blocked based on the normal hours of observation and only those tables using hourly data are presented. Caution must be exercised when using these summaries as the data reflect conditions occurring only during limited duty hours of operation. This report is a five-part statistical summary of surface weather observations for FINTHEN AAF, GERMANY (WEST)		

DD FORM 1473 1 JAN 73 EDITION OF 1 NOV 65 IS OBSOLETE

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

19. Percentage frequency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables

*GERMANY (WEST)
 *FINTHEN
 *FINTHEN AAF
 DL106335

20. It contains the following parts: (A) Weather Conditions; (C) Surface Winds; (D) Ceiling Versus Visibility; (E) Psychrometric Summaries (psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations and observation counts of station and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By _____	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
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01436
 A413
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Since Finthen AAF, DL is a part time observing station, we partitioned the data to use only those observations from 0500Z to 1900Z. The hourly data 2000Z to 0400Z were not used in the production of this summary. This is done to reduce any bias in the summaries which could result from using those infrequent observations outside the normal operating hours.

The remaining summaries contain serious misleading values that if used would present gross inaccurate climatology for the station, therefore the "ALL ALL" summaries were removed (because they do not represent the "ALL" hours summaries):

SECTION A Weather Conditions

SECTION C Surface Winds

SECTION D Ceiling Versus Visibility

SECTION E Psychrometric Summary and Relative Humidity

The remaining Hourly Summaries must be used with caution and the following values NOT USED: TOTALS, MEANS AND STANDARD DEVIATIONS. (The values are for 0500Z to 1900Z only and not for a 24 hour period).

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

USAFETAC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES (LISOCs)
HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at established hourly intervals.

SUMMARY OF THE DAY OBSERVATIONS

Summary of the day observations are selected from all data recorded on reporting forms and combined into these observations (records, record-specials, locals, summary of day, remarks, etc.).

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the LISOCs and the manner of presentation. Tabulations are prepared from observations recorded by stations operated by the US Services and some foreign stations using similar reporting practices.

Unless otherwise noted, the following summaries are included in this LISOCs:

PART A: WEATHER CONDITIONS

PART B: NO OR INSUFFICIENT
DATA AVAILABLE*

PART C: SURFACE WINDS

PART D: CEILING VERSUS VISIBILITY

SKY COVER

*PRECIPITATION, SNOWFALL AND SNOW DEPTH

PART E: DAILY HIGH, LOW, AND MEAN TEMPERATURES

MAX HIGH AND MIN LOW TEMPERATURES

PSYCHROMETRIC: DRY VS WET BULB

MEAN AND STD DEV. (DRY BULB, WET BULB,
AND DEW POINT TEMPERATURES)

RELATIVE HUMIDITY

PART F: STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 local standard time (LST).

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
106335	FINTHEN GERMANY AAF	N 49 58	E 008 09	760	EDOT	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS PER DAT
			FROM	To			STATION (FT)	BAROMETER	
1	Finthen Germany	AAF	Feb 62	Feb 63	N 49 58	E 008 03	745	764	14
2	No change	AAF	Mar 63	Oct 64	No chge	E 008 09	755	765	14
3	No change	AAF	Nov 64	Oct 66	No chge	No chge	No chge	No chge	24
4	No change	AAF	Nov 66	Jul 67	No chge	No chge	769	N/A	17
5	No change	AAF	Aug 67	Dec 70	No chge	No chge	No chge	751	17
6	No change	AAF	UNK	Mar 83	No chge	No chge	No Chge	751	17
7	No Change	AAF	Apr 83		No Chge	No Chge	760	750	17

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	1 Feb 62 to 28 Feb 62	Located on top of base operations bldg.	AM/OMQ-1	None	40 ft	
2	Mar 62 to Feb 63	No change	No chge	None	25 ft	
3	Mar 63 to Jan 64	Located approx. 75 yds S of Ravy.	AM/OMQ-1	None	8fc	
4	Feb 64 to Feb 65	Located 350 ft S of Ravy 08/26.	No chge	None	15 ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		HT ABOVE GROUND
5	Mar 65 to Jul 67	Located 425 ft S of Rwy 08/26, centerline, 1148 ft E of end of Rwy 08.	No chge	None	No chge	
6	Aug 67 to Dec 70	Located 446 ft S of Rwy 08/26 centerline, 860 ft E of end Rwy 08.	No chge	RO-2	13 ft.	
7	UNK to Apr 83	Located approximately 425 ft South of RWY 08/26	GMQ 11	None	No Chge	
8	UNK to Apr 83	Located in tower	No Chge	RO 362	766 ft	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total column. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

106335
 STATION

FINTHEN AAF, DL
 STATION NAME

73-81
 YEARS

JAN
 MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02												
	03-05		15.8		5.3		21.1	30.3	5.3			35.5	76
	06-08		14.4	.9	9.2		23.9	39.4	4.2			43.7	568
	09-11		13.7	1.2	7.4		21.8	39.1	5.9			45.0	591
	12-14		10.6	.7	6.2		17.2	37.0	12.5			49.6	583
	15-17	.2	10.5	.2	4.6	.2	14.9	33.6	16.5	.2		50.3	583
	18-20		8.3	.2	5.1		13.0	39.6	11.2			50.9	507
	21-23												
TOTALS		.0	12.2	.5	6.3	.0	18.7	36.5	9.3	.0		45.8	2908

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

106335 FINTHEN AAF, DL 73-81 FEB
STATION STATION NAME YEARS MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02												
	03-05		12.9		2.9		14.3	37.1	12.9			50.0	70
	06-08		10.3	.2	6.0		15.6	44.2	12.8			57.0	514
	09-11		9.7	.2	10.8		20.3	36.9	18.0			54.8	518
	12-14		10.6		6.4		16.1	27.1	25.7			52.8	517
	15-17		10.0	.2	5.8		15.4	19.1	28.3			47.4	519
	18-20		11.8		5.9		17.6	25.3	21.8			47.1	459
	21-23												
TOTALS			10.9	.1	6.3		16.6	31.6	19.9			51.5	2597

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

108335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02												
	03-05		14.1		5.1		17.9	20.5	16.7			37.2	78
	06-08		13.8		3.4		16.4	29.6	16.2			45.8	587
	09-11		11.8		2.9		14.5	26.4	21.9			48.3	594
	12-14		9.5		2.1		11.4	12.0	31.0			43.0	581
	15-17		11.7		2.2		13.6	3.9	31.2			35.0	597
	18-20		14.4		1.9		16.0	7.0	27.8			34.8	526
	21-23												
TOTALS			12.6		2.9		15.0	16.6	24.1			40.7	2963

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

10-335
 STATION

FINTHEN AAF, DL
 STATION NAME

73-81
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02												
	03-05		7.0		1.7		7.8	27.8	11.3			39.1	115
	06-08		10.6		1.8		11.9	28.1	13.5			41.6	555
	09-11		6.6		2.3		7.7	11.5	26.7			38.2	558
	12-14	.4	9.9		1.2		10.5	3.6	19.8			22.6	563
	15-17	.9	9.7		1.4		11.0	2.7	14.0			16.7	556
	18-20	1.6	11.4		.4		11.8	3.7	8.0			11.6	490
	21-23												
TOTALS		.5	9.2		1.5		10.1	12.9	15.4			28.3	2537

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

10335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02												
	03-05		10.7				10.7	25.9	8.0			33.9	112
	06-08	.2	11.4				11.4	20.7	12.1			32.9	535
	09-11	.2	11.5				11.5	10.6	21.6			32.2	556
	12-14	.2	9.4		.2		9.4	4.0	13.6			17.6	552
	15-17	1.5	9.5				9.5	3.2	9.5			12.7	535
	18-20	.8	7.4				7.4	2.3	8.3			10.5	484
	21-23												
TOTALS		.5	10.0		.0		10.0	11.1	12.2			23.3	2774

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

106335 FINTHEN AAF, DL

73-81

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02												
	03-05	.8	8.3				8.3	28.9	9.1			39.0	121
	06-08	1.3	8.6				8.6	23.5	12.1			35.6	537
	09-11		8.6				8.6	9.8	19.3			29.1	560
	12-14	.9	9.3				9.3	2.7	12.7			15.4	559
	15-17	1.7	9.1			.2	9.3	1.5	7.6			9.1	536
	18-20	3.9	9.3				9.3	2.6	7.8			10.3	464
	21-23												
TOTALS		1.4	8.9			.0	8.9	11.5	11.4			22.9	2777

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

106335 FINTHEN AAF, DL 73-81 JUL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02												
	03-05		8.7				8.7	28.6	11.1			39.7	126
	06-08	.5	10.1				10.1	26.1	9.8			35.8	583
	09-11	1.0	10.8				10.8	9.8	16.6			26.4	602
	12-14	.8	9.3				9.3	3.2	9.3			12.1	602
	15-17	2.0	9.4				9.4	1.5	4.4			6.0	586
	18-20	1.2	9.1				9.1	3.0	4.3			7.3	506
	21-23												
TOTALS		.9	9.6				9.6	12.0	9.2			21.2	3705

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 6335
 STATION

FINTHEN AAF, DL
 STATION NAME

73-81
 YEARS

AUG
 MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02												
	03-05		6.6				6.6	38.5	6.6			45.1	122
	06-08		7.5				7.5	37.3	12.8			50.1	585
	09-11	.5	7.4				7.4	16.4	31.4			47.8	611
	12-14	.5	7.7				7.7	3.0	24.8			27.8	609
	15-17	1.5	6.6				6.6	2.2	15.3			17.5	587
	18-20	.8	6.3				6.3	3.6	13.8			17.4	507
	21-23												
TOTALS		.6	7.0				7.0	16.8	17.5			34.3	3021

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 6335
 STATION

FINTHEN AAF, DL
 STATION NAME

73-81
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02												
	03-05		7.5				7.5	51.4	3.7			55.1	107
	06-08		7.9				7.9	48.6	6.7			55.3	492
	09-11	.2	6.0				6.0	30.6	23.3			53.9	503
	12-14		7.0				7.0	6.8	32.4			39.2	497
	15-17	.4	9.1				9.1	3.1	23.2			26.3	483
	18-20	.5	9.0				9.0	8.2	20.2			28.4	391
	21-23												
TOTALS		.2	7.8				7.8	24.8	18.3			43.0	2473

USAFETAC FORM 0-10-51(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12335
 STATION

FINTHEN AAF, DL
 STATION NAME

73-81
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02												
	03-05		8.5				8.5	56.4	1.1			57.4	94
	06-08		14.4				14.4	54.4	4.8			59.1	563
	09-11		11.6		.3		11.8	44.8	12.5			57.3	576
	12-14	.2	9.2				9.2	26.6	24.1			50.7	568
	15-17	.2	9.2				9.2	19.0	20.1			39.2	567
	18-20	.4	12.4				12.4	22.6	11.3			34.0	477
	21-23												
TOTALS		.1	10.9		.1		10.9	37.3	12.3			49.6	2845

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

106335

FINTHEN AAF, DL

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02												
	03-05		18.3	1.1	3.2		22.6	30.1	1.1			31.2	93
	06-08		15.9	.6	3.6		19.9	41.3	1.5			42.8	528
	09-11		14.9	.2	4.6		19.4	37.0	5.0			41.9	525
	12-14		12.2	.4	2.4		14.3	28.7	11.3			40.0	533
	15-17		11.2		1.9		12.5	22.8	14.4			37.3	526
	18-20		12.3	.5	1.8		14.4	27.8	8.3			35.8	439
	21-23												
TOTALS			14.1	.5	2.9		17.2	31.3	6.9			38.2	2644

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

10-335
 STATION

FINTHEN AAF, DL
 STATION NAME

73-81
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02												
	03-05		19.0				19.0	39.3	4.8			44.0	84
	06-08		16.9	1.0	6.5		24.2	39.9	3.1			43.0	521
	09-11		16.6	1.1	7.9		24.9	35.7	5.0			40.7	543
	12-14		14.4	.9	8.2		22.8	29.9	9.0			38.9	535
	15-17		14.6	.2	7.6		21.9	31.6	10.4			42.0	512
	18-20		16.3		7.0		20.9	33.1	7.8			41.0	344
	21-23												
TOTALS			16.3	.5	6.2		22.3	34.9	6.7			41.6	2539

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 6335 STATION NAME FINTHEN AAF, DL YEARS 73, 75-79 MONTHS JAN
ALL WEATHER 0300-0500
CLAS MOON (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.3										1.3	6.0
NNE													
NE													
ENE	1.3	3.9										5.3	4.3
E	2.6	3.9	3.9	1.3								11.8	6.0
ESE		1.3										1.3	4.0
SE	1.3											1.3	2.0
SSE	1.3		1.3									2.6	5.5
S		2.6	2.6									5.3	7.0
SSW				1.3								6.6	10.0
SW		2.6	1.3	1.3								14.5	8.5
WSW	1.3	3.9	1.3	5.3	2.6							14.5	10.6
W	1.3	2.6	3.9	2.6	1.3							11.8	9.2
WNW		1.3		1.3								2.6	8.5
NW	1.3		1.3									2.6	5.5
NNW	1.3				1.3							2.6	11.0
VARBL													
CALM												15.3	
	11.8	23.7	37.3	13.2	5.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 76

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 335 FINTHEN AAF, DL 73-81 YEARS MONTH
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 0600-0800
 CLAS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.5										.5	6.0
NNE	.2	1.4	.2									1.8	5.0
NE	.4	1.1	.7									2.1	6.1
ENE	.9	1.8	1.4	.2								4.2	6.0
E	2.6	4.6	3.3	.5								11.1	5.6
ESE	1.2	.7	.2									2.1	3.9
SE	.9	.2										1.1	2.7
SSE	.9	2.1	1.2	.5								4.8	6.2
S	1.4	2.3	2.3	.7								6.7	6.4
SSW	1.2	2.6	3.3	.9								6.1	6.9
SW	1.1	2.1	6.0	3.5								12.7	8.6
WSW	2.3	2.3	3.7	2.5	1.6							12.3	5.9
W	1.6	1.9	1.8	2.3	.5							6.1	6.7
WNW	1.2	1.4	1.1	.5								4.2	6.4
NW	.4	.4	.7	.4	.5							2.3	10.4
NNW	.4	.2	.7									1.2	5.4
VARBL				.2								.2	15.0
CALM												16.5	
	16.5	25.5	26.6	12.1	2.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 568

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 17335 STATION NAME: FINTHEN AAF, DL YEARS: 73-81 MONTH: JAN

CLASS: ALL WEATHER MONTH: 0900-1100

CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0											1.0	2.2
NNE	.5	.7	.3									1.5	4.6
NE	.2	.8	1.0									2.0	6.3
ENE	1.5	3.7	1.5	.2								6.9	5.3
E	2.9	4.6	2.0	1.4								15.8	5.9
ESE	.7	.3										1.0	3.7
SE	1.0	1.0	.5									2.5	4.5
SSE	.3	1.5	1.4	1.0								4.2	7.8
S	1.9	2.2	1.9	.7	.2							6.8	6.4
SSW	1.2	.9	2.4	1.7								6.1	8.0
SW	1.4	3.0	5.6	2.7								12.7	8.1
WSW	1.5	2.4	3.7	4.1	.7	.3						12.7	9.5
W	2.0	1.0	1.9	3.4	.2	.2						8.6	9.1
WNW	.8	1.0	.8	.5		.2						3.4	7.5
NW	.8	.5	1.5	.5								3.4	7.7
NNW	.7	.5	.2	.2								1.5	5.1
VARBL			.5	.2								.7	10.0
CALM												14.0	
	19.4	24.2	25.2	16.4	1.0	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.5										.5	3.1
NNE	.5											.5	2.7
NE		.5		.5								1.9	8.2
ENE	2.4	2.0	1.5	.7								7.6	5.4
E	1.5	6.4	3.3	1.4								12.5	6.5
ESE	1.0	1.7	.3									2.4	4.4
SE	.5	.5	.2									.9	4.4
SSE	1.2	1.2	1.4	1.0								4.8	7.1
S	2.1	1.7	1.0	1.2								6.0	5.8
SSW	1.7	2.6	2.6	1.5								5.4	7.0
SW	.5	2.1	5.0	2.9	.5							11.0	9.0
WSW	.7	2.2	4.8	5.3	.5	.2						13.7	10.5
W	.5	2.1	3.1	2.2	1.0							8.9	9.8
WNW	1.0	1.2	.9	.5	.3							4.0	7.6
NW	.2	.5	.9	.2								1.7	7.7
NNW		1.0	1.2	.5								2.7	8.1
VARBL					.2							.3	16.5
CALM												11.0	
	14.6	26.6	26.8	19.0	2.7	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

582

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 1 735 FINTHEN AAF, DL STATION NAME: 73-91 YEARS: JAN MONTH: 1950-1950 HOURS (L E T):
 CLASS: ALL WEATHER
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.3	.2								1.5	4.9
NNE	.7	.2	.1									.5	5.7
NE	1.2	1.0	.5									2.7	4.2
ENE	.1	1.3	2.1	.5								5.7	5.9
E	4.2	4.8	2.4	1.7								12.7	5.8
ESE	.7	.9	.7	.2	.2							2.6	6.3
SE	.9	.9	.3									2.1	4.6
SSE	2.4	2.7	2.1	.5								7.2	5.4
S	.1	3.3	1.4	.5								7.2	5.5
SSW	1.2	1.7	1.4	.5								4.8	6.1
SW	.5	2.7	3.3	2.5	.2							9.5	5.9
WSW	.5	2.2	5.3	2.9	1.9	.3						12.9	10.7
W	.5	1.5	5.7	3.4		.2						11.0	9.6
WNW	.1	.7	1.2	.5	.2							3.1	6.4
NW	.2	.7	.7									1.5	6.1
NNW	1.0	.8	1.0	.2								3.1	5.8
VARBL			.1	.2	.3							.9	14.5
CALM												11.5	
	17.1	24.6	27.8	14.3	2.7	.5						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 502

U.S. AIR FORCE
 METAC
 AIR WEATHER SERVICE/4AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 35F FINTHEN AAF, DL 77-81 JAN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER 1900-2000
 CLAS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.4	.2									1.4	4.6
NNE	.0	.6										1.2	3.8
NE	1.4	.2	.2									1.9	3.7
ENE	1.6	2.5	1.0	.6								5.7	5.4
E	3.7	3.0	1.4	1.2								11.2	6.0
ESE	.4	.5	.8	.4								2.6	6.5
SE	.6											.6	2.3
SSE	2.2	1.1	2.4	.2								6.5	5.3
S	2.5	2.7	1.8	1.0	.2							7.7	6.1
SSW	1.4	1.1	1.6	.6								5.3	6.1
SW	.7	1.4	5.5	2.0	.6							10.3	9.2
WSW	.7	.6	3.7	4.7	.6							10.5	10.4
W	.6	1.2	3.6	2.8	.2							8.3	9.5
WNW	.2	1.2	2.2	1.0	.2							5.3	8.2
NW		.7	.2	.4								1.4	7.6
NNW	.4	.6	.6									1.6	5.4
VARBL			.7	.4								.6	10.7
CALM												16.1	
	16.9	18.7	27.2	15.2	1.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1 335 FINTHEN AAF, DL 73-81
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS ALL
 HOUR (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.4	.1	.0								1.2	4.0
NNE	.4	.5	.1									1.1	4.5
NE	.7	.8	.6	.1								2.1	5.6
ENE	1.7	2.4	1.5	.4								6.0	5.5
E	2.9	4.6	2.9	1.2								11.7	6.0
ESE	.9	.7	.4	.1	.7							2.1	5.1
SE	.7	.5	.2									1.4	3.9
SSE	1.4	1.7	1.7	.7								5.4	6.2
S	2.6	2.3	1.7	.8	.1							6.8	6.1
SSW	1.3	1.9	2.3	1.1								6.6	7.0
SW	.8	2.3	5.2	2.8	.2							11.3	8.7
WSW	1.2	2.7	4.1	3.9	1.1	.2						12.5	10.0
W	1.1	1.5	3.1	2.8	.4	.1						9.1	9.3
WNW	.9	1.1	1.2	.6	.1	.0						3.9	7.6
NW	.3	.6	.8	.3	.1							2.1	6.0
NNW	.5	.6	.7	.2	.7							2.1	6.4
VARBL			.2	.2	.1							.5	12.9
CALM												14.1	
	17.3	24.1	26.8	15.2	2.3	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2926

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10335 STATION NAME FINTHEN AAF, DL YEARS 73, 75-77, 79 PER MONTHS 0700-0900
 ALL WEATHER CLASS CLAS HOURS (LST) HOUS (LST)
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4											1.4	1.0
NNE		1.4										1.4	4.0
NE		1.4	1.4									2.9	6.5
ENE	4.3	2.9	4.3	1.4								13.0	6.0
E	6.7	5.8	2.9	4.3								21.7	5.7
ESE													
SE													
SSE	1.4	2.9										4.3	3.0
S			1.4	1.4								2.9	10.0
SSW	2.9		2.9	1.4								7.2	6.6
SW		1.4	5.8	2.9								10.1	9.6
WSW		2.9	5.8									6.7	6.0
W		1.4		2.9								4.3	10.0
WNW	1.4											1.4	3.0
NW				1.4								1.4	12.0
NNW		1.4										1.4	4.0
VARBL													
CALM												17.4	
	20.3	21.7	24.6	15.9								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 69

GLOBAL CLIMATOLOGY BRANCH
AFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 335 FINTHEV AAF, DL

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

2400-0600
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.4	.4		.2							1.9	5.7
NNE	.5	1.0	.2									1.9	3.7
NE	.6	1.0	1.2									2.7	5.9
ENE	3.1	7.4	6.0	1.2								17.7	6.3
E	2.9	4.9	3.1	1.6								12.5	6.2
ESE	.8	.4										1.2	3.0
SE	.6		.6									1.2	5.8
SSE	.4	.6	.8									1.8	5.7
S	1.9	1.2	1.2	.4								4.5	5.8
SSW	1.2	1.4	3.1	.6								6.8	6.7
SW	1.0	1.0	4.5	1.6	.2							8.6	8.5
WSW	1.1	1.9	4.9	.6	.4							9.2	7.4
W	.1	1.5	1.6	1.2	.2							6.6	6.4
WNW	.6	.2	1.4	.2	.2							2.5	7.8
NW	1.0	.4	.4	.4								2.1	5.9
NNW	.2	.4		.2								.8	6.0
VARBL													
CALM												17.5	
	21.1	23.4	29.6	8.2	1.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

513

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 17035 FINTHEN AAF, DL STATION NAME: 73-81 YEARS: FEB
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.0	.2									1.9	3.7
NNE	.5	1.0	.6									2.3	4.9
NE	1.5	1.5	1.0	.2								4.2	4.9
ENE	1.9	3.7	6.5	2.3								13.9	7.3
E	3.1	3.7	7.9	3.1								16.8	7.7
ESE	.2		.2									.4	4.5
SE	.4	1.4										1.7	4.4
SSE	.4	1.2	.4	.4								2.3	5.8
S	1.2	2.3	1.7	.2								5.4	5.8
SSW	.6	.8	2.3	1.4								5.2	8.3
SW	1.4	1.4	2.7	1.9	.2	.4						7.9	9.0
WSW	1.6	1.5	4.1	2.7	.2							10.4	8.2
W	1.7	1.7	2.3	.5								6.6	6.3
WNW	.2	.6	1.9									2.7	7.6
NW	.2	.2	1.0	.2	.2							1.7	9.3
NNW	.8	.6	.2		.2							1.7	5.0
VARBL			.2	.8								1.2	12.8
CALM												13.7	
	16.2	22.4	32.6	13.9	.8	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 518

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

102305
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1700-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.2	.8									2.7	5.4
NNE	.2	1.0	1.0									2.1	5.2
NE	1.2	.3	.6	.2								2.7	5.2
ENE	1.7	4.8	6.8	2.5								15.9	7.4
E	1.7	4.3	6.4	1.6								14.5	7.0
ESE	.2	.3	.2									1.2	4.7
SE	.4	.3	1.2									2.3	6.1
SSE	1.2	1.7	1.0	.2								4.1	5.7
S	1.7	2.1	.8	.2								4.8	4.8
SSW	1.4	1.5	.6	1.2								4.1	6.8
SW	.6	1.7	1.7	3.3	1.7							8.3	10.4
WSW	.6	2.1	2.5	2.9	1.7	.2						12.1	10.8
W	1.7	1.7	2.9	3.7	.6	.2						10.1	10.2
WNW	.6	.4	.8	.2								1.9	6.6
NW	.3	.6	1.2	1.4								3.7	6.8
NNW	.4	.4	.2	.6								1.6	7.1
VARBL			.8									.8	6.5
CALM												9.1	
	14.1	26.7	29.3	17.8	3.3	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

516

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

104705 STATION FINTHEN AAF, DL 73-81 YEARS SEP MONTH 1500-1700 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	.6									2.1	5.5
NNE	.4	1.5	1.0									2.7	5.9
NE	1.5	1.0	1.0	1.3								4.4	7.1
ENE	2.1	2.1	4.2	1.3								6.3	6.9
E	1.7	6.4	4.8	2.9								15.8	7.1
ESE	1.7	.6	.6									2.3	4.3
SE	.6	1.5	1.2									3.3	5.7
SSE	1.2	2.9	1.2	.2								5.4	5.6
S	1.5	1.7	.2	.4								4.4	5.7
SSW	1.2	2.3	1.7	.2								4.6	5.1
SW	1.0	1.7	2.1	1.5	.2	.2						6.7	6.3
WSW	1.5	2.1	3.9	4.6	1.0							13.1	9.8
W	1.3	1.3	3.3	2.3	.6	.4						9.2	6.8
WNW		.2	1.2	.2	.2							2.3	6.9
NW	.2	.5	1.0	.4								2.1	7.6
NNW	.7	1.7	1.2	.4								2.7	7.8
VARBL			.2	.2								.4	12.0
CALM												7.7	
	15.8	28.9	28.9	16.7	1.9	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 519

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 10 135 FINTHEN AAF, DL STATION NAME: 73-61 YEARS: FES
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-2000
 CONDITION:

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.4									2.5	4.8
NNE	.4	2.4	1.3									4.1	5.7
NE	.7	2.2	.9									3.7	5.3
ENE	.2	1.5	2.4	2.2	.2							8.5	7.5
E	3.5	5.5	3.3	1.7								14.7	6.1
ESE	1.7	1.5	.7									3.9	4.1
SE	1.3	.4										1.7	3.5
SSE	.4	1.7	.4									2.5	5.1
S	2.7	2.4	1.1	.7								6.6	5.6
SSW	.2	2.2	1.3	.7	.2							4.6	7.4
SW	.9	2.2	2.8	2.0	.4							8.3	8.6
WSW	.4	3.3	3.3	3.6								10.9	8.7
W	.7	1.5	2.8	1.5								6.6	8.0
WNW	.7	.7	.7	.2								2.2	6.2
NW	.2	.7	.7									1.5	6.4
NNW		.6	.4									1.3	6.8
VARBL			.2									.2	8.0
CALM												16.6	
	16.4	30.6	22.7	12.9	.9							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 458

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

USE WITH CAUTION
SEE FIRST PAGE

176735 FINTHEN AAF, DL 73-81 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.9	.5		.7							2.2	5.0
NNE	.5	1.3	.8									2.6	5.4
NE	1.1	1.3	.6	.3								3.6	5.8
ENE	2.3	3.9	5.1	1.9	.7							13.3	7.0
E	2.5	5.1	5.2	2.2								15.0	6.8
ESE	.7	.7	.3									1.7	4.1
SE	.6	.8	.6									2.0	5.3
SSE	.7	1.7	.7	.7								3.3	5.5
S	1.6	2.0	1.1	.4								5.1	5.5
SSW	1.1	1.5	1.7	.8	.0							5.1	6.9
SW	.9	1.6	2.9	2.2	.4	.1						6.2	9.0
WSW	1.2	2.2	3.8	2.9	.7	.0						10.7	9.0
W	1.3	1.6	2.5	1.9	.3	.1						7.8	6.4
WNW	.4	.5	1.2	.2	.1							2.3	7.4
NW	.4	.5	.8	.7	.0							2.2	7.9
NNW	.3	.7	.4	.2	.0							1.6	6.5
VARBL			.3	.2								.5	10.8
CALM												13.0	
	16.6	26.3	29.7	13.8	1.6	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2593

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10-335
STATION

FINTHEN AAF, DL
STATION NAME

73,75-77,81
YEARS

4AD
MONTH

ALL WEATHERP
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			1.3									1.3	8.0
NNE	2.6	2.6	2.6									7.7	5.5
NE													
ENE		6.4	6.4	3.6								16.7	8.0
E		3.6	1.3	1.3								6.4	8.0
ESE													
SE		1.3										1.3	5.0
SSE		2.6										2.6	4.0
S	1.3	1.3										2.6	3.0
SSW	1.3	1.3										2.6	4.0
SW		3.6	2.6									6.4	7.2
WSW		2.6	1.3	2.6	1.3							7.7	10.5
W	6.4	1.3	1.3	1.3								10.3	5.0
WNW	1.3	2.6										3.8	4.0
NW		5.1	1.3									6.4	5.4
NNW	1.3											1.3	2.0
VARBL			1.3									1.3	10.0
CALM												21.8	
	14.1	34.6	19.2	9.0	1.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

78

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 8335 STATION NAME FINTHEN AAF, DL YEARS 73-81 MONTH MAC
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.5	1.5	.3								3.6	6.4
NNE	.7	1.2	.3									2.2	4.5
NE	1.2	1.7	.9	.7								4.4	6.2
ENE	2.7	2.7	2.6	2.1	.2							10.3	7.1
E	1.7	2.9	1.7	.5								6.8	5.5
ESE	.3	.5	.2									1.0	4.0
SE	1.2	.3										1.5	2.9
SSE	.7	.9	.3	.9	.2							2.9	7.4
S	1.2	1.2	.7									3.1	4.2
SSW	.7	2.9	2.9	.7	.2							7.4	7.0
SW	.9	2.9	3.9	.9								8.5	7.2
WSW	2.1	2.2	3.6	3.6	.2							11.6	6.3
W	2.4	3.1	3.2	1.0								9.7	6.3
WNW	2.1	1.2	.3	.2	.2							3.9	4.8
NW	.5	1.2	.7	.3								2.7	6.3
NNW	1.4	.9	.3	1.0								3.6	6.6
VARBL													
CALM												16.6	
	20.9	26.3	23.2	12.1	.0							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 585

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)**

STATION 100335 STATION NAME FINTHEN AAF, DL YEAR 73-81 MAD
 CLASS ALL WEATHER MONTHS 0900-1100
 COORDINATE HOUR (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	1.0	.7								4.9	6.0
NNE	.5	.7	1.0	.2								2.1	6.2
NE	.8	.7	.5	.3								2.4	6.1
ENE	2.9	1.5	3.2	4.2	.3							12.2	6.7
E	3.2	3.5	3.2	1.9	.2							12.0	6.5
ESE	.5	.2	.2									.8	3.8
SE	.7	.2										.3	4.0
SSE	.7	1.2	.5	.2								2.5	5.0
S	.5	1.5	.8	.5								3.4	5.9
SSW	.8	1.5	2.2	1.0	.5							6.1	8.4
SW	1.0	2.0	4.9	2.5	.2	.3						11.0	8.9
WSW	1.2	1.7	4.6	3.5	.5	.2						11.7	9.8
W	2.5	1.5	3.2	2.9								10.1	8.1
WNW	1.0	1.2	1.4	.5	.5							4.6	7.9
NW	.7	1.0	.8	.2								2.7	5.9
NNW	.3	1.2	.5	.3								2.4	6.4
VARBL			.3		.2							.5	11.7
CALM												10.1	
	17.9	21.8	28.4	18.9	2.4	.5						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 592

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 33° FINTHEN AAF, DL 77-81 MA
STATION STATION NAME YEARS NORTH
ALL WEATHER CLASS 1900-1400
CONDITION HOURS (L & T)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.5	.9	.2								2.4	5.4
NNE	.0	.5	1.0	.2								1.9	7.5
NE	.7	.5	1.4	.2	.7							3.1	9.9
ENE	1.4	2.1	3.8	3.5	.5							11.3	4.3
E	1.2	3.7	4.2	.7								9.4	6.7
ESE	.7	1.6	.3									2.6	4.4
SE	.2	.7	.7	.2								1.7	6.5
SSE	.7	1.4	2.6	.2								4.9	6.5
S	1.5	1.7	.7	.2								3.7	4.9
SSW	.6	1.0	2.1	.9								5.4	7.1
SW	.7	2.1	4.2	2.4	1.5	.2						10.5	9.8
WSW	1.4	1.7	3.7	6.8	1.5	.7						14.8	10.7
W	1.0	2.4	1.9	2.8	.9	.7						9.0	9.7
WNW	.7	.9	1.5	.9								3.5	7.7
NW	.2	.7	1.5	.7								2.3	7.2
NNW	.5	1.4	1.5									3.2	5.6
VARBL		.7	3.7	1.5								4.9	9.4
CALM												5.6	
	12.0	21.0	33.4	21.2	3.7	.2						170.0	7.9

TOTAL NUMBER OF OBSERVATIONS 575

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 337 FINTHEN AAF, DL 77-91 MAC
 STATION MONTH
 ALL WEATHER CLASS 1900-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.0	.7	.2								1.2	6.5
NNE	.0	.3	.5	.1								1.7	7.3
NE	.0	.7	1.0	1.4								3.7	9.0
ENE	.7	2.5	3.7	3.2	.5							10.7	9.2
E	1.0	3.2	1.4	.8								6.9	5.8
ESE	1.0	1.4	.5	.2								3.6	4.5
SE	.3	.0	.5	.2								1.9	6.2
SSE	1.2	2.2	1.0	.3								5.6	6.2
S	.5	2.7	.3									4.4	5.2
SSW	.7	1.4	3.2	1.4								6.9	8.1
SW	.7	1.7	2.4	2.6	.3	.3						8.1	9.6
WSW	.7	2.0	3.2	6.3	1.9	.2						14.4	11.4
W	.7	2.0	2.2	3.0	.2							9.8	9.2
WNW	.7	1.0	1.5	.8								4.9	7.1
NW	.7	1.4	1.0	.3								4.1	7.0
NNW	.0	1.3	1.7	.3								3.4	7.5
VARBL			3.3	1.5	.2							4.7	10.5
CALM												3.4	
	11.8	26.9	30.1	24.4	3.0	.3						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)**

1-33° FINTHEN AAF, DL

73-81

42

ALL WEATHER
 CLASS

1800-0000
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	1.3									4.2	5.4
NNE	1.0	1.7	2.1	.4								5.2	6.8
NE	.5	.7	1.7	.8								3.1	7.8
ENE	1.7	2.3	2.3	1.7								7.3	7.5
E	1.4	3.7	2.5	.6								7.8	6.2
ESE	.6	1.1	.4									2.1	4.4
SE	.6	.8		.2								1.5	5.0
SSE	1.7	1.9	1.3									5.5	4.7
S	1.7	2.5	2.5	.4								7.3	6.2
SSW	1.7	2.7	3.1	1.3								8.5	7.5
SW	.5	2.9	2.5	2.1	.6							8.8	5.6
WSW	1.7	2.5	3.3	2.7	.2							4.9	8.2
W	.5	2.3	1.1	1.7								5.9	7.9
WNW	1.1	1.7	1.9	1.1								5.9	6.8
NW	.5	1.7	1.3	.4	.2							4.4	6.7
NNW	.6	1.1	1.1	.2								3.1	5.8
VARBL			.8	.2	.7							1.5	11.8
CALM												9.8	
	15.3	37.4	28.7	13.8	1.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

523

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SEE PAGE 10

10 33' FINTHEN AAF, DL 73-61

STATION STATION NAME YEARS

ALL WEATHER CLASS

MAC MONTH ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.1	1.1	.3								3.3	6.1
NNE	.0	.9	1.0	.2								2.2	6.4
NE	.7	.7	.8	.6	.0							3.3	7.8
ENE	1.7	2.3	3.2	3.0	.3							11.6	8.4
E	1.0	3.3	2.5	.8	.0							5.6	6.2
ESE	.7	.9	.3	.0								2.0	4.3
SE	.7	.6	.2	.1								1.4	5.2
SSE	1.0	1.5	1.3	.3	.0							4.1	5.9
S	1.0	2.0	1.1	.2								4.2	5.4
SSW	.8	2.0	2.6	1.1	.1							6.6	7.6
SW	.5	2.3	3.6	2.1	.4	.1						9.3	8.8
WSW	1.7	2.0	3.6	4.6	.8	.1						12.4	9.9
W	1.6	2.4	2.3	2.4	.2							9.0	8.2
WNW	1.1	1.4	1.2	.7	.1							4.5	6.8
NW	.5	1.3	1.2	.3	.0							3.3	6.6
NNW	.6	1.1	.9	.4								3.0	6.4
VARBL	.0	.0	1.5	.5	.1							2.2	10.1
CALM												9.4	
	15.7	26.0	28.5	17.0	2.2	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2944

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 1 335 FINTHEN AAF, DL STATION NAME: FINTHEN AAF, DL YEARS: 77, 75-76, 80-81 APO: 3300-3800
 CLASS: ALL WEATHER HOURS (LST):
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	6.1	.9									9.6	4.4
NNE	1.7	1.7										3.5	3.3
NE	3.5	1.7	.9									6.1	3.6
ENE	1.7	2.6	.9	.9								6.1	5.3
E	1.7	1.7	.9									4.3	4.2
ESE													
SE			.9									.9	8.0
SSE	.9											.9	2.0
S				.9								.9	12.0
SSW		.9	.9	.9								2.5	8.0
SW			2.6	.9								2.5	7.3
WSW	.9	5.2	4.3	.9								11.3	6.7
W	3.5	.9	4.3									8.7	5.6
WNW	.9	4.3	3.5									8.7	6.6
NW	1.7	2.6	2.6									7.0	5.3
NNW	4.3	2.6	2.6									9.6	4.6
VARBL												17.4	
CALM													
	23.5	30.4	25.2	3.5								170.0	4.5

TOTAL NUMBER OF OBSERVATIONS 115

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20541
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1335 FINNEN AAF, DL 77-81 APR 0600-2600
 STATION STATION NAME YEARS MONTHS
 ALL WEATHER CLASS 0600-2600
 HOUR (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	3.8	1.6									6.1	4.6
NNE	1.3	2.5	1.1									4.9	4.9
NE	1.1	1.7	1.3	.5								4.7	5.9
ENE	1.4	3.1	3.4	.7								9.0	6.4
E	2.4	3.3	2.5	.7								7.8	5.7
ESE	.4	.2										.5	3.3
SE	.5											.5	2.3
SSE	.2											.2	2.0
S		.4	.4	.5								1.1	10.2
SSW	.2	.5	1.1	.2								2.0	6.9
SW	.9	2.2	3.3	.5								6.9	6.7
WSW	.7	2.2	4.3	2.0								9.2	6.2
W	1.5	2.2	2.7	.5	.5							7.8	7.3
WNW	1.1	1.4	3.8	.4								6.7	7.0
NW	1.1	1.7	1.3	.5								4.7	6.1
NNW	4.3	2.4	1.6	.5								8.9	4.8
VARBL			.9									.9	8.4
CALM												16.1	
	20.4	27.5	28.8	6.7	.5							170.0	5.2

TOTAL NUMBER OF OBSERVATIONS 553

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 335 STATION NAME FINTHEN AAF, DL YEARS 77-81 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.	2.9	.7								6.3	6.8
NNE	1.3	.5	1.8	.4								4.3	6.3
NE	.4	1.7	.7	.5								3.2	6.8
ENE	2.3	2.7	4.3	3.2								12.2	6.3
E	2.3	4.5	5.8	1.1								13.3	6.8
ESE	.2	.5	.2									.9	5.6
SE	.2	.2										.4	3.5
SSE	.5	.5										1.1	3.5
S	.5	1.3	.4	.7								2.9	7.0
SSW	1.1	.9	.2	.4								2.5	4.9
SW	.5	.5	1.4	.9								3.4	8.1
WSW	1.1	2.	3.9	3.1	.4							10.3	9.1
W	1.6	1.1	4.3	2.2	.2							9.4	8.4
WNW	1.1	.9	2.9	1.3								6.1	7.8
NW	.9	.5	1.8	1.8								5.0	8.5
NNW	3.1	2.5	2.2	.7								7.9	5.6
VARBL		.4	3.2	.7								4.3	8.9
CALM												5.9	
	17.8	22.3	35.8	17.6	.5							170.2	7.0

TOTAL NUMBER OF OBSERVATIONS 556

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1335 FINTHEN AAF, DL 73-81 APR
 STATION STATION NAME YEARS MONTH
 ALL WEATHER 1200-1400
 CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.2	1.2	.9	.2							4.3	7.6
NNE	.5	.4	.5	.2	.2							1.8	7.3
NE	.7	.9	1.5	1.1								4.4	8.1
ENE	1.1	2.5	2.7	2.8								9.1	6.7
E	1.2	3.5	3.9	.5								9.3	6.6
ESE	.4	.4	.4									1.1	5.2
SE	.2	.5	.7									.9	5.8
SSE	.0	2.1	.9									3.7	5.3
S	1.4	1.2		.2								2.8	4.2
SSW	.4	1.6	.7	.2								2.8	5.8
SW	1.4	1.2	1.6	2.5	.5							7.3	8.9
WSW	.2	.7	2.1	3.7	.4							7.1	10.8
W	.9	1.6	3.4	3.2	1.2							10.3	10.2
WNW	.9	1.8	2.8	.5		.2						6.2	7.6
NW	1.4	1.1	2.0	2.0	.4							6.8	8.5
NNW	.7	1.6	2.7	1.4								6.4	8.1
VARBL		.7	8.7	2.3								11.7	8.8
CALM												3.9	
	13.0	23.0	35.6	21.5	2.8	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

562

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 33F FILTHEN AAF, DL 73-81 APR
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 1900-1900
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.0	2.9	1.6	.2							6.2	9.3
NNE	.5	.5	.4	.2								1.6	5.9
NE	.7	.5	.5	1.6	.7							4.5	10.1
ENE	.7	.7	3.2	4.0								6.7	9.9
E	.5	4.0	2.9	.5								6.8	6.3
ESE	.5	.5	.5									1.6	5.0
SE	.9	.5	.5									2.0	4.7
SSE	.5	1.6	.2	.4								2.7	5.5
S	1.5	1.6	.4	.2								3.8	4.5
SSW	.5	1.6	1.4	.7								4.3	6.8
SW	.4	2.0	1.4	2.7	.2							6.7	9.1
WSW	.7	.9	3.1	2.7	.4							7.8	9.5
W	.2	1.4	3.1	4.0	.2	.2						9.0	10.5
WNW	.4	2.5	3.8	.5		.2						7.4	7.8
NW	.4	1.6	3.4	1.3	.4	.2						7.2	9.5
NNW	.7	1.4	3.8	2.2	.2							8.3	8.8
VARBL		.4	4.0	1.4								5.8	8.9
CALM												3.8	
	9.7	23.8	35.9	24.0	2.2	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 554

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1335 FINTHEN AAF, DL STATION NAME 77-81 YEARS 1900-2000
 CLASS ALL WEATHER MONTHS 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	2.9	1.0								7.2	7.1
NNE	.5	1.4	1.4	.4								4.1	6.7
NE	.5	.4	1.2	1.6	.2							4.7	9.8
ENE	.4	2.5	4.1	2.5	.6							10.4	9.0
E	2.2	3.5	2.7									8.4	5.2
ESE	.2	1.4		.2								1.3	5.3
SE	.4	1.7			.2							1.5	5.6
SSE	1.4	.6										2.0	3.1
S	1.2	2.5	1.4									5.1	5.3
SSW	.6	1.4	1.0	.4								3.5	6.1
SW	.2	1.1	2.0	.6	.2	.4						4.5	9.9
WSW	.4	2.2	3.5	1.2	.2							7.6	8.2
W	.4	1.6	2.2	2.2								6.5	8.8
WNW	.3	2.0	1.8	.6								6.1	6.6
NW	.4	3.5	3.5	1.2								8.6	7.6
NNW	.2	3.7	3.7	3.1								11.2	8.0
VARBL			1.7									1.0	7.4
CALM												5.7	
	12.9	31.3	33.1	15.1	1.4	.4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 489

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
 SEE FINAL PAGE

1 335 FIATHEN AAF, DL 73-81 8p=

STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	2.2	.8	.1							6.5	0.7
NNE	.9	1.2	1.0	.2	.0							3.3	5.9
NE	.5	1.1	1.3	1.0	.7							4.4	7.9
ENE	1.2	2.3	3.4	2.6	.1							9.7	8.3
E	1.7	3.9	3.4	.5								9.3	6.1
ESE	.3	.6	.2	.0								1.1	5.1
SE	.4	.4	.2		.0							1.1	4.9
SSE	.7	.9	.2	.1								1.9	4.6
S	.9	1.3	.5	.4								3.0	5.6
SSW	.5	1.2	.9	.4								3.0	6.2
SW	.7	1.3	2.0	1.4	.2	.1						5.7	8.4
WSW	.0	1.7	3.4	2.5	.2							6.5	9.0
W	1.1	1.6	3.2	2.3	.4	.0						6.7	9.0
WNW	.8	2.7	3.1	.6		.1						6.6	7.3
NW	.0	1.7	2.4	1.3	.1	.0						6.4	6.0
NNW	2.1	2.2	2.8	1.5	.0							6.5	6.9
VARBL		.7	3.5	.9								4.7	6.8
CALM												7.5	
	15.2	25.6	33.5	16.5	1.4	.2						170.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2829

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 1-335 STATION NAME FINTHEN AAF, DL YEARS 73,75-77,80-81 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	.9										1.8	4.5
NNE	.9	3.6										4.5	3.6
NE				.9	.9							1.8	14.5
ENE	2.7	3.6	5.4	1.8								13.4	6.9
E	4.5	5.4	7.1									17.0	5.4
ESE													
SE	.9	.9										1.8	3.5
SSE	.9											.9	2.0
S	1.8	.9	.9									3.6	4.3
SSW	1.8	1.8	1.8									5.4	5.2
SW	1.8	3.6	1.8									7.1	5.9
WSW	2.7	2.7	3.6									8.9	5.5
W	.9	4.5	.9									6.2	5.4
WNW	1.8	1.8	.9									4.5	3.6
NW													
NNW	.9	.9	2.7									4.5	6.2
VARBL													
CALM												18.7	
	22.3	30.4	25.0	2.7	.9							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ADW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-335 STATION NAME FINTHEN AAF, DL YEARS 73-01 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	1.1	.6								4.1	6.3
NNE	.4	.2	.8									1.9	5.3
NE	.9	.8	.6									2.3	4.8
ENE	2.1	4.0	5.4	2.6								15.0	7.5
E	3.6	5.4	6.0	3.2								18.2	7.0
ESE	.2	.6										.8	4.5
SE	.6	.4										.9	2.8
SSE	.6	.4										.9	3.0
S	.9	2.1	.9									3.9	4.8
SSW	.8	1.1	2.8									4.7	6.6
SW	.8	2.1	2.4	.2								5.4	6.1
WSW	.1	2.3	2.6	.9								7.9	6.4
W	3.4	3.9	1.7	1.1	.2	.2						10.5	5.9
WNW	1.1	1.7	.8	.2								3.8	5.1
NW	.6	.6	.8	.6								2.4	7.8
NNW	.4	.2	1.5	.6								3.2	7.4
VARBL					.2							.2	20.0
CALM												13.9	
	19.3	28.7	27.4	10.1	.4	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 533

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 335 FINTHEN AAF, DL 73-81 MAY

STATION STATION NAME YEARS MONTHS

ALL WEATHER 0900-1100

CLASS HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.0	2.0	.4								4.3	7.5
NNE	.2	.7	1.6	.2								2.7	7.3
NE	.2	.4		.4	.2							1.1	10.7
ENE	1.3	4.3	3.3	1.8	.4	.2						11.8	7.6
E	1.2	4.9	6.7	5.2								18.6	8.4
ESE	.4	.7		.2								1.3	5.1
SE	.5	.5	.2									1.3	4.7
SSE	1.3	2.4	.4									4.5	4.0
S	2.9	1.3	1.1									5.2	4.2
SSW	1.4	1.8	1.3	.4								4.9	5.9
SW	1.3	2.4	4.2	1.4								9.2	7.4
WSW	1.6	1.3	4.0	1.1								6.7	7.3
W	1.1	2.2	3.4	2.0	.2							6.9	6.2
WNW	.9	1.4	1.1	.4								3.8	6.0
NW	.7	.7	.7	.7								2.9	6.9
NNW	.5	1.1	.9	.5								3.1	6.6
VARBL			1.8	.7	.2							2.7	10.3
CALM												5.8	
	17.2	28.0	32.5	15.4	.9	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 553

FEDERAL BUREAU OF SURVEY
 CLIMATE DIVISION
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 1 335 FINTHEN AAF, DL STATION NAME: 77-81 YEARS: _____
 CLASS: ALL WEATHER MONTH: MAY
 HOURS (L.S.T.): 1202-1400
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.5	1.6	.7								4.2	2.5
NNE	.5	1.5	.2	.4								2.5	3.6
NE		.4	.4			.2						1.1	11.2
ENE	.7	1.8	2.7	1.8	.4	.2						7.7	9.6
E	1.2	4.6	4.4	2.7	.5							13.2	7.9
ESE	.7	1.9	.9	.5								4.5	6.2
SE	.7	.9		.2								1.8	4.4
SSE	.5	1.6	1.5	.7								3.9	6.1
S	1.3	2.9	.9	.4								5.5	2.6
SSW	1.6	2.7	1.8	.9	.7							7.1	6.6
SW	.4	1.6	3.8	1.1	.5							7.5	9.0
WSW	.7	2.2	1.5	2.6	.7							6.9	6.8
W	1.6	1.5	1.6	.9								7.5	6.6
WNW	.4	2.4	1.1	1.1	.2							5.1	7.4
NW	.4	2.7	.2	.9								3.5	7.2
NNW	1.7	1.5	1.6	.5								4.9	6.4
VARBL		.4	6.4	1.8	.2							4.3	7.7
CALM												2.7	
	13.9	31.3	3.7	19.2	1.8	.4						122.2	1.4

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1 336 FINTHEN AAF, DL 73-81 MAY
STATION STATION NAME YEARS MONTH
 ALL WEATHER 1973-1980
CLASS HOURS (L E T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	1.1	.9								5.3	6.1
NNE	.5	.9	.9									2.3	6.3
NE	.5	.4	.6	.8								1.9	9.7
ENE	1.1	2.1	3.4	2.5	.6	.5						10.2	9.7
E	1.7	4.2	4.0	1.7								11.5	7.2
ESE	.4	1.3	1.7									3.4	5.8
SE	1.1	1.1	.6	.2								3.0	4.6
SSE	.5	2.8	.6									4.2	4.6
S	1.7	2.8	1.1	.2								5.9	5.0
SSW	.4	.2	1.1	1.1								3.4	6.9
SW	.2	1.0	2.5	1.9	.2							6.6	9.0
WSW	1.2	1.7	4.3	2.8								9.8	8.7
W	.2	2.1	2.5	1.3								6.6	7.6
WNW	.2	.4	.6	1.5	.2							3.4	9.4
NW	1.7	.8	1.9	1.3								5.7	6.9
NNW	.5	2.1	2.5	1.1								6.2	7.6
YARBL		.1	5.9	1.9								8.3	9.1
CALM												2.3	
	1.3	26.8	34.8	19.3	.9	.5						170.0	7.5

TOTAL NUMBER OF OBSERVATIONS 529

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 1 335 STATION NAME: FINTHEN AAF, DL YEARS: 72-81 MONTH: MAY
 CLASS: ALL WEATHER HOURS (LST): 1800-2000
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	.2	1.0								5.4	5.5
NNE	.4	.9	1.0									2.3	6.4
NE	.2	.7	1.2	1.0								3.1	5.3
ENE	.6	1.9	3.1	5.0	.2	.2						11.0	10.4
E	2.4	5.6	1.9	1.5								11.4	6.0
ESE	2.5	3.5	1.2									7.3	4.3
SE	1.2	1.5	.2									2.9	3.9
SSE	1.0	1.7	.4									3.9	3.7
S	.8	1.0	.2	.2								2.3	4.6
SSW	1.5	1.2	.2	.4								3.3	5.1
SW	.6	2.7	2.1	1.5								6.8	7.3
WSW	.2	4.1	2.1	.4	.2							7.7	6.1
W	1.0	2.3	2.3	.8								6.4	6.8
WNW	.6	1.9	2.5	2.3								7.3	8.5
NW	.6	2.5	1.2	.4								4.8	6.3
NNW	.6	1.7	2.1	.4								4.1	7.3
VARBL			.4									.4	7.0
CALM												9.5	
	13.0	34.4	22.4	14.9	.4	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 482

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

USE WITH CARE
 SEE FIRST PAGE

1335 FINTHEN AAF, DL 73-61 MAY

STATION NAME STATION CLASS YEARS MONTH
 ALL WEATHER ALL
 CLASS HOUR (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	1.2	.7								4.9	6.2
NNE	.4	1.5	.9	.1								2.4	6.0
NE	.1	.4	.5	.5	.1	.1						1.9	8.9
ENE	1.7	3.7	3.7	2.6	.3	.7						11.2	6.7
E	2.2	4.0	4.8	2.8	.1							14.8	7.3
ESE	.3	1.5	.7	.1								3.1	5.2
SE	.1	.9	.2	.1								2.0	4.2
SSE	1.1	1.7	.5	.1								3.4	4.5
S	1.6	2.1	.9	.1								4.6	4.9
SSW	1.1	1.6	1.5	.1	.1							4.8	6.5
SW	.7	2.2	3.0	1.2	.1							7.1	7.7
WSW	1.7	2.3	2.0	1.5	.1							8.1	7.4
W	1.5	2.5	2.2	1.6	.1	.1						7.9	7.3
WNW	.6	1.6	1.2	1.1	.1							4.6	7.3
NW	.4	1.2	.9	.8								3.7	7.0
NNW	.7	1.3	1.7	.6								4.3	7.1
VARBL		.2	2.8	.9	.1							4.0	9.4
CALM												7.3	
	16.9	29.8	29.5	15.3	.9	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2756

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)**

STATION 1335 STATION NAME FINTHEN AAF, DL YEARS 73, 75-81 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	5.0	.8									7.4	4.4
NNE		.8	1.7									2.5	6.0
NE	.8		.8									1.7	5.0
ENE	1.7	2.5										4.1	3.6
E	3.3	.8	1.7									5.8	4.1
ESE			.8									.8	6.0
SE													
SSE		.8										.8	6.0
S	.8	2.5	1.7									5.0	5.2
SSW	.8	1.7	.8									3.3	4.5
SW	1.7	4.1	2.5									6.3	5.2
WSW	.8	5.0	.8	.8								7.4	6.1
W	3.3	3.3	.8									7.4	3.6
WNW	2.5	2.5		.8								5.8	4.7
NW	1.7		.8	.8								3.3	6.5
NNW	2.5	1.7	.8	.8								5.8	5.7
VARBL													
CALM												30.6	
	21.6	30.6	14.0	3.3								170.0	3.5

TOTAL NUMBER OF OBSERVATIONS 121

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-335 STATION NAME FINTHEN AAF, DL YEAR 73-81 MONTH JULY
 CLASS ALL WEATHER NUMBER (L & T) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.6	2.6	.2								7.9	5.6
NNE	1.7	1.5	1.4									4.5	4.7
NE	2.1	1.9	.7									4.7	4.4
ENE	1.7	2.1	1.5	.2								5.4	5.2
E	2.8	2.4	2.8									6.0	5.5
ESE	.2	.7	.4	.2								1.5	6.4
SE	.2	.2										.4	3.5
SSE	.6	.2										.7	2.6
S	.9	.9	.2									2.1	3.7
SSW	1.1	.7	1.9	.2								3.9	6.0
SW	1.9	2.1	2.4	.7								7.1	6.3
WSW	2.6	4.3	3.2	.7								10.8	5.7
W	4.1	4.5	2.4	.2								11.2	4.7
WNW	1.1	1.1	.6	.7								3.6	6.5
NW	.7	.6	1.3	.9								3.6	7.6
NNW	1.5	2.4	.7	.4								5.3	4.9
VARBL			.2									.2	8.0
CALM												14.4	
	24.7	29.2	22.2	4.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 535

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1 335 FINTHEN AAF, DL 73-81 JULY
STATION STATION NAME YEARS MONTHS
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	2.7									6.1	5.9
NNE	.4	1.1	2.2	.2								3.8	6.8
NE	.7	.9	.5	.4								2.5	6.1
ENE	2.2	2.9	.9	.7								6.6	5.5
E	1.8	4.3	1.8	2.0								9.9	6.5
ESE	.7	1.8	1.1	.4								3.9	6.2
SE	.2	.5	.5									1.3	5.6
SSE	.5	.4	.2									1.1	4.0
S	2.5	1.3	.9	.2								4.8	4.2
SSW	1.5	1.8	1.8	.2								5.4	5.6
SW	1.1	3.0	2.5	1.8								8.4	7.7
WSW	2.0	3.0	1.8	.9	.2							7.9	6.3
W	.9	5.4	4.1	.9								11.3	6.7
WNW	1.5	1.4	1.1	.7								4.8	6.0
NW	.2	2.5	1.8	.7								5.2	7.1
NNW	.7	1.6	2.0	.7								5.0	6.7
VARBL		.2	2.5	.7								3.4	5.9
CALM												8.6	
	17.7	34.8	28.3	10.4	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10335 FINTHEN AAF,DL 73-81 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1200-1400
HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.2	2.0	.4								5.2	6.5
NNE	.2	2.7	2.2	.2								4.5	6.8
NE	.4	1.4	.5									2.3	5.1
ENE	.5	1.4	1.3	.9								4.1	7.3
E	.7	2.5	2.5	1.1								6.8	7.3
ESE	1.4	2.0	1.3	.2								4.8	5.4
SE	.8	.5	.2									1.1	4.2
SSE	1.1	.9	.4									2.3	4.5
S	.9	1.1	.2	.2								2.3	4.9
SSW	.9	2.7	1.8	.7								6.1	6.5
SW	.7	1.8	4.1	2.2	.2							9.0	8.9
WSW	1.6	3.8	1.8	1.5								8.4	6.6
W	2.0	4.1	5.0	1.4								12.6	7.2
WNW	1.3	1.8	1.4	.7		.2						5.4	6.9
NW	.4	2.2	1.4	.7								4.7	7.3
NNW	.7	2.0	2.0	.9								5.6	7.4
VARBL		.7	6.3	1.6								8.6	6.9
CALM												6.1	
	13.8	33.0	34.3	12.4	.2	.2						170.0	6.6

TOTAL NUMBER OF OBSERVATIONS 557

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10-335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.0	3.6	.7								7.7	7.3
NNE	1.2	1.3	1.1	.								3.9	5.7
NE	.4	.6	1.3	.6								2.9	7.8
ENE	1.1	.7	2.2	1.1								5.2	7.5
E	.7	1.9	1.3	.6								4.5	6.5
ESE	.5	1.1	.7	.4								2.8	7.0
SE	.4	.4	.2									.9	4.4
SSE	1.1	.9	.6	.2								2.8	5.5
S	.9	2.2	.6									3.7	4.7
SSW	1.3	1.3	1.3	.4								4.3	5.7
SW	.7	3.0	3.7	.9								8.4	7.3
WSW	1.9	1.7	2.8	1.1	.7							8.2	8.4
W	1.5	4.5	5.1	2.6								13.7	7.5
WNW	1.3	2.2	2.2	.7								6.6	6.9
NW	.9	1.3	3.0	.7								6.0	7.2
NNW	.6	3.4	2.1	.7								6.7	6.9
VARBL		.2	4.1	1.1	.2							5.6	9.3
CALM												6.0	
	15.2	29.8	36.0	12.2	.9							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

534

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1335 FINTHEN AAF, DL 73-81 JUN 1800-2000
STATION SOUTH HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.2	4.3	3.9	.6								11.0	6.0
NNE	.9	1.5	2.6	.2								5.2	6.7
NE		1.1	2.6	.9								4.5	8.4
ENE	.6	.6	1.5	1.3	.2							4.3	9.0
E	.6	2.2	3.4	.4								6.7	7.1
ESE	.2	.2	.4	.2								1.1	6.6
SE	.2	.2										.4	3.5
SSE	.4	.6	.4									1.5	5.1
S	1.9	1.3	.4									3.7	4.1
SSW	.4	2.6										3.0	4.4
SW	1.3	3.0	1.3	.6								6.2	6.1
WSW	2.2	3.0	2.2	1.3								8.6	6.3
W	2.8	2.4	3.2	2.4	.2							11.0	7.2
WNW	.9	3.2	1.1	.4								5.6	5.3
NW	1.7	2.2	1.9									5.8	5.5
NNW	.6	1.7	3.0	.9								6.2	7.6
VARBL			2.2									2.2	8.2
CALM												12.9	
	17.0	30.2	30.2	9.3	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 464

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

USE PREVIOUS EDITIONS
SEE FPM 11-100

1 2339 STATION FINTHEN AAF, DL STATION NAME 77-81 YEAR 1955 MONTHS ALL

ALL WEATHER CLASS _____ CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	2.8	.4								7.4	2.2
NNE	.8	1.4	1.8	.1								4.3	5.7
NE	.7	1.1	1.1	.3								3.3	6.3
ENE	1.2	1.6	1.4	.8	.0							5.1	6.6
E	1.4	2.6	2.3	.8								7.2	6.5
ESE	.6	1.2	.8	.3								4.5	6.2
SE	.3	.4	.2									.8	4.5
SSE	.7	.6	.3	.0								1.7	4.7
S	1.4	1.4	.5	.1								3.4	4.4
SSW	1.1	1.8	1.4	.3								4.6	5.8
SW	1.2	2.6	2.9	1.2	.0							7.9	7.3
WSW	2.0	3.3	2.3	1.0	.2							8.7	6.6
W	2.3	4.2	3.9	1.4	.7							11.9	6.6
WNW	1.3	2.0	1.2	.7		.0						5.2	6.3
NW	.8	1.7	1.8	.7								4.9	6.9
NNW	.9	2.2	1.9	.7								5.7	6.7
VARBL		.2	3.0	.7	.0							3.9	8.9
CALM												11.4	
	17.8	31.4	29.5	9.5	.3	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2769

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1 834 FIFTHEN AAF, OL 73,75-77,80-81 JCL
 STATION NAME YEARS
 ALL WEATHER 0100-0500
 CLASS
 CONDITION

SPEED ENTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.4	.8									4.0	4.6
NNE	.7	1.5										2.4	3.3
NE													
ENE	4.0	1.6	.8									6.4	4.1
E	1.0	2.4										4.0	3.6
ESE	.5											.8	3.0
SE													
SSE	.5	.8										1.6	2.5
S	2.4	.5										3.2	2.5
SSW			1.6	.8								2.4	9.3
SW	3.2	5.6	.8									9.6	4.5
WSW	4.0	6.4	4.8									16.0	4.8
W	5.6	6.4	.8									12.8	4.0
WNW	.5	4.0	3.2									8.0	6.1
NW	.5	.8										1.6	4.0
NNW	.5	1.6	.8									3.2	5.5
VARBL													
CALM												24.0	
	27.2	34.4	13.6	.8								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 125

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 0335

FINTHEN AAF, DL

73-81

July

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0600

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	.7									3.1	4.2
NNE		1.0	.5									1.6	5.8
NE	.3	.9										1.2	4.3
ENE	2.1	3.9	2.4	.5								8.8	5.5
E	.3	3.3	.7	.2								4.5	5.5
ESE	.5											.5	2.0
SE													
SSE	.3	.2										.5	2.7
S	.9	.5	.3									1.7	4.2
SSW	1.0	2.2	.7	.2								4.2	5.1
SW	2.6	3.6	3.1	.2								9.5	5.4
WSW	3.5	8.8	5.5									18.7	5.8
W	4.7	5.7	4.2	.7								15.2	5.4
WNW	1.4	1.2	1.9	.3								4.8	5.8
NW	.2	1.6	.5									2.2	5.9
NNW	.7	1.6	.5	.3								3.1	5.4
VARBL			.2									.2	9.0
CALM												70.1	
	19.6	35.8	21.3	3.3								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

578

FEDERAL BUREAU OF SURVEY
 CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1335 FINTHEN AAF, DL STATION NAME 73-81 YEARS JUL
 MONTH 0900-1100
 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.5	.2								3.5	6.0
NNE	.2	1.2	1.3	.2								2.8	7.1
NE	.2	1.3	.5									2.0	5.4
ENE	.5	3.3	3.2	.3								7.3	6.3
E	1.0	3.3	1.2	.3								5.9	5.4
ESE	1.7	.5										1.8	3.2
SE	.5	.5										.8	4.0
SSE	.2	1.3	.2									1.3	5.3
S	.5	1.0	.7									2.5	5.2
SSW	1.0	1.5	1.2	.2								3.8	5.7
SW	1.7	3.5	3.8	1.3								10.3	7.0
WSW	.8	5.2	4.0	2.0								12.0	7.4
W	3.5	4.2	8.7	1.5								17.8	6.9
WNW	.8	3.8	1.3									6.0	5.5
NW	.5	1.2	1.3	.5								3.8	6.6
NNW	1.5	2.7	1.8	.2								5.5	5.8
VARBL			2.8	.7								3.5	9.0
CALM												9.2	
	15.5	34.5	33.5	7.3								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 600

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1.335 FINTHEN AAF, DL 73-81 JUL
 STATION NAME YEARS MONTH
 ALL WEATHER 1900-1900
 CLASS HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	2.2	.2								4.5	6.3
NNE	.5	1.0	.3	.2								1.7	5.8
NE		1.0	.5									1.5	6.0
ENE	.5	2.2	1.2	.2								4.3	5.5
E	2.7	3.0	1.5									7.2	4.4
ESE	.5	.8	.7									2.0	5.7
SE	.2	.7										.3	4.4
SSE	.5	.7										1.2	3.9
S	1.5	1.7	.2									3.3	4.1
SSW	.7	.7	1.7	.7								3.3	6.5
SW	.2	1.0	2.2	1.7								5.0	9.2
WSW	1.5	5.0	6.3	3.0								15.9	7.9
W	2.7	4.0	7.8	2.2								16.9	7.3
WNW	1.5	5.0	2.3	.3								9.5	5.6
NW	.8	2.5	2.0									5.3	6.0
NNW	1.7	2.3	1.0	.5								5.5	5.5
VARBL		.2	5.5	1.8								7.5	8.9
CALM												4.2	
	15.5	34.2	35.4	1.7								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 599

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 0335 FINTHEN AAF, DL 73-81 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.0	1.5	.3								4.3	6.0
NNE	.2	.5	.3									1.0	5.2
NE	.2	1.0	.2									1.4	5.5
ENE	.2	1.4	1.7	.2								2.7	6.4
E	2.4	2.1	.9									5.3	4.6
ESE	1.2	2.0	.3									4.5	4.4
SE	.2	1.4	.2									1.9	5.1
SSE	1.5	1.2										2.7	3.4
S	.5	1.0	.5									2.9	5.1
SSW	.3	1.0	1.0	.5								2.9	7.1
SW	.5	1.2	3.6	1.7								7.0	8.5
WSW	.9	2.7	6.0	3.6								13.2	8.9
W	1.5	4.1	6.9	2.6								15.1	7.8
WNW	1.0	4.0	2.7	1.2								9.8	6.6
NW	.9	2.6	2.6	.5	.2							6.7	6.9
NNW	.9	2.7	2.9	.3								6.9	6.6
VARBL		.2	5.0	1.2	.2							6.5	9.4
CALM												5.0	
	13.9	32.8	35.7	12.2	.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 582

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1-3335 FINTHEN AAF, DL 72-81 Jul
STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	2.2	.4								5.2	6.4
NNE	.8	.9	.4									2.0	4.2
NE	.2	.2										.4	3.0
ENE	.4	1.6	2.4	.2								4.5	6.9
E	2.0	2.0	1.0									4.9	4.4
ESE	1.8	2.2	.6									4.7	4.1
SE	.8											.8	2.5
SSE	1.2											1.2	1.7
S	.8	.6										1.4	3.3
SSW	1.0	1.2	1.6	.4								4.2	6.2
SW	1.2	1.2	2.8	.4								5.5	6.5
WSW	1.8	4.3	4.7	1.2								12.1	6.9
W	2.2	6.3	4.9	1.8	.4							15.6	7.1
WNW	2.4	5.1	2.8	.4	.2							10.9	6.0
NW	.8	2.2	2.0	.4								5.3	6.1
NNW	2.0	3.2	1.8	.6								7.5	5.7
VARBL			.8									.8	8.0
CALM												12.3	
	20.4	33.0	28.1	5.7	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 506

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

USE WITH CARE
 SEE FIRST PAGE

1 335 FINTHEN AAF, DL 73-81 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS

CONDITION

ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.5	1.6	.2								4.3	6.0
NNE	.3	.5	.6	.1								1.8	5.7
NE	.2	.9	.2									1.3	5.2
ENE	.9	2.4	2.0	.3								5.6	5.9
E	1.7	2.7	1.0	.1								5.5	4.8
ESE	1.0	1.2	.3									2.6	4.2
SE	.3	.5	.7									.8	4.3
SSE	.7	.6	.5									1.4	3.5
S	1.0	1.1	.3									2.4	4.4
SSW	.7	1.3	1.2	.4								3.6	6.5
SW	1.3	2.3	3.0	1.0								7.6	7.0
WSW	1.8	5.3	5.3	2.1								14.5	7.2
W	2.9	5.1	6.3	1.7	.1							16.0	6.8
WNW	1.4	4.0	2.2	.4	.0							8.1	5.9
NW	.7	1.9	1.6	.3	.7							4.5	6.4
NNW	1.3	2.3	1.6	.4								5.6	5.9
VARBL		.1	2.8	.7	.0							3.6	9.0
CALM												10.6	
	17.3	34.1	30.2	7.6	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2990

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 1 0335 STATION NAME FINTHEN AAF, DL YEARS 73, 75-77, 80-81 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5		.8									3.3	3.0
NNE	.8	.9										1.6	3.5
NE	1.6	1.6										3.3	3.0
ENE	4.1	6.6	.8									11.5	4.3
E	.8	4.1	4.1									9.0	5.8
ESE													
SE													
SSE	.8											.8	2.0
S	.8											.8	2.0
SSW		.8										.8	6.0
SW	1.6	4.1	.8									6.6	4.1
WSW	1.6	2.5										4.1	4.4
W	4.9	1.6										6.6	2.6
WNW	4.1	1.6										5.7	2.6
NW	2.5	.8	1.6									4.9	5.0
NNW	.8	2.5	.8									4.1	5.0
VARBL				.8								.8	12.0
CALM												36.1	
	27.0	27.0	9.0	.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 122

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 6335 FINTHEN AAF, DL

73-81

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0800

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.5	2.7	1.4									5.7	4.8
NNE	.5	.5	.2									1.2	4.1
NE	1.4	1.7	.2									2.6	3.7
ENE	1.5	4.5	2.7									8.2	5.7
E	2.1	2.9	3.4	.9								9.3	6.5
ESE	.5	.2										.7	2.8
SE	.2											.2	2.0
SSE	.2	.7	.2									1.0	4.7
S	1.0	.9										1.9	3.1
SSW	1.2	.5	.5									2.2	4.2
SW	1.5	2.1	1.4									5.0	4.8
WSW	2.2	3.6	.7	.2								6.7	4.6
W	3.8	3.6	2.2	.2								9.5	4.9
WNW	2.1	1.7	1.0									4.8	4.5
NW	1.5	1.7	2.2	.2								5.7	5.9
NNW	1.2	2.2	.3									3.8	4.8
VARBL			.3									.3	7.5
CALM	×	×	×	×	×	×	×	×	×	×	×	11.0	
	22.0	28.8	16.8	1.4								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

583

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1 0335 FINTHEN AAF, DL 73-81 AUG

STATION STATION NAME YEARS

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.3	.8	.3								5.6	5.2
NNE	1.3	.9	.2	.3								2.6	4.5
NE	.3	1.5	.8	.2								2.8	6.1
ENE	1.6	4.1	4.1	.5								10.3	6.3
E	4.1	3.6	5.3	1.6								14.6	6.4
ESE	2.0		.2	.3								2.5	3.9
SE	.7	.3										1.0	3.0
SSE	.7	.5	.5									1.6	4.9
S	.3	2.1	.3	.2								3.0	5.1
SSW	1.1	1.8	.3	.3								3.6	5.0
SW	1.5	1.3	3.0	.5								6.2	6.6
WSW	1.6	1.6	2.8	.7								6.7	6.7
W	2.1	2.5	2.8	1.0								8.4	6.4
WNW	1.0	2.1	.8	.3								4.3	5.7
NW	1.1	2.0	1.5	.2								4.8	5.9
NNW	.8	2.3	1.8	.3								5.3	6.4
VARBL			2.8	.7								3.4	9.1
CALM												13.3	
	21.5	29.9	27.9	7.4								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 609

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 6335 FINTHEN AAF, DL 73-81 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.8	1.5									5.7	5.0
NNE	.7	1.5	.2	.2								2.5	5.0
NE	.7	.7	.8	.5								2.6	6.5
ENE	2.0	2.5	2.8	.7								7.9	6.3
E	2.8	3.9	4.1	1.3								12.2	6.5
ESE	1.3	1.5	1.3	.5								4.6	6.1
SE	.5	.3	.7									1.5	5.8
SSE	1.0	1.0	.5	.2								2.6	5.2
S	1.6	1.8	1.0	.3								4.8	5.1
SSW	1.1	.8	.7	.2								2.9	4.8
SW	.8	1.3	2.1	1.3								5.6	7.9
WSW	1.1	.5	3.0	1.6	.2							6.4	8.6
W	1.1	2.0	5.3	1.6								10.8	7.7
WNW	1.0	3.0	2.3	.3								7.6	6.1
NW	.5	2.5	.7	.3								3.9	5.7
NNW	.7	2.1	3.0	.5								6.2	6.9
VARBL			4.6	1.5								6.1	9.3
CALM												6.2	
	18.4	29.9	34.3	11.0	.2							170.0	6.3

TOTAL NUMBER OF OBSERVATIONS 609

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 0335 FINTHEN AAF, DL 73-81 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

CLASS HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	2.2	.3								7.5	5.9
NNE	.5	1.7	1.0	.3								3.6	6.0
NE	.5	1.0	.9	.3								2.7	6.5
ENE	1.4	1.4	1.7	.7								5.1	6.4
E	2.0	3.7	3.4	.5	.2							9.9	6.2
ESE	.5	1.7	1.5									3.7	6.3
SE	.7	.9	.2									1.7	3.9
SSE	.9	.9	.5	.2								2.4	4.9
S	1.0	1.7	1.0									3.7	4.9
SSW	1.2	.7	.7	.5								3.1	6.2
SW	.7	.7	2.6	.3								4.3	7.7
WSW	1.4	2.6	4.4	1.2	.2							9.7	7.2
W	.5	4.1	3.4	2.6	.2							10.7	8.0
WNW	.7	3.2	3.7	.9								8.5	6.8
NW	.9	3.1	1.9	.7								6.5	6.5
NNW	1.0	1.7	2.6	.5								5.3	6.7
VARBL			4.1	.7								4.8	9.0
CALM												6.3	
	10.3	32.4	35.8	9.7	.5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 587

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION: 1 335 STATION NAME: FINTHEN AAF, DL YEARS: 73-81 MONTH: AUG
 ALL WEATHER CLASS: _____
 CONDITION: _____
 HOURS (L.S.T.): 1800-2000

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.5	.8									4.9	4.8
NNE	.6	2.6	1.6	.2								4.9	5.8
NE	.2	1.4	.2	.2								2.7	5.6
ENE	.8	1.2	1.8									3.8	6.0
E	3.4	1.6	2.4	.4								7.7	5.0
ESE	1.8	1.2	1.4	.2								4.5	5.0
SE	.8	1.2	.2									2.2	4.5
SSE	.6	1.0										1.6	3.9
S	1.0	.4	.2	.2								1.8	4.7
SSW	.8	2.0	.4									3.2	4.9
SW	1.2	2.8	1.2	.2								5.3	5.4
WSW	1.6	3.6	3.0	.2								8.3	5.6
W	2.2	3.2	3.6	1.0								9.9	6.3
WNW	1.4	2.5	2.2	.4								6.7	6.0
NW	1.2	2.8	1.6	.2								5.7	5.6
NNW	3.4	4.5	2.6									10.5	4.7
VARBL			.4	.2								.6	9.0
CALM												16.4	
	22.1	34.8	23.3	3.4								170.0	4.5

TOTAL NUMBER OF OBSERVATIONS 536

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

USE WITH CAUTION
 SEE FIRST PAGE

1-335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.1	1.3	.1								5.8	5.2
NNE	.7	1.4	.6	.2								2.9	5.3
NE	.7	1.1	.6	.2								2.6	5.6
ENE	1.5	2.9	2.6	.4								7.4	6.0
E	2.8	3.2	3.8	.9	.0							10.8	6.2
ESE	1.2	.9	.8	.2								3.1	5.4
SE	.5	.5	.2									1.2	4.3
SSE	.7	.8	.3	.1								1.8	4.7
S	1.0	1.4	.5	.1								3.0	4.7
SSW	1.1	1.1	.5	.2								2.9	5.1
SW	1.2	1.7	2.0	.5								5.3	6.4
WSW	1.6	2.3	2.7	.8	.1							7.4	6.5
W	2.1	3.1	3.3	1.2	.8							9.9	6.6
WNW	1.3	2.7	1.9	.4								6.3	5.8
NW	1.1	2.3	1.6	.3								5.3	5.9
NNW	1.3	2.5	2.0	.3								6.1	5.8
VARBL		2.4	.6									3.1	9.1
CALM												15.4	
	20.1	30.9	27.1	6.5	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 3016

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 1335 STATION NAME: FINTHEN AAF, DL YEARS: 73-77, 80-81 MONTH: SEP
 CLASS: ALL WEATHER HOURS (L.S.T.): 0300-0500
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0										3.7	3.3
NNE													
NE		.9										.9	4.0
ENE	2.0	1.9	1.9									6.5	4.6
E	1.9	4.7	1.9									8.4	4.6
ESE													
SE													
SSE	2.8											2.8	2.3
S	2.5	.9										3.7	2.3
SSW		3.7		.9								4.7	6.2
SW	.9	1.9	3.7									6.5	6.6
WSW	2.8	1.9	1.9									6.5	5.1
W		4.7	.9	.9								6.5	6.1
WNW	1.9	1.9										3.7	3.0
NW			.9	.9								1.9	10.5
NNW	.9											.9	3.0
VARBL													
CALM												3.0	
	18.7	24.3	11.2	2.8								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 137

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1-335 STATION FINTHEN AAF, DL STATION NAME 77-81 YEARS SEP MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	.6	.2									2.4	3.2
NNE	1.2	.6	.2									2.2	3.2
NE	1.0	.6										1.6	3.2
ENE	1.4	2.4	1.6	.2								5.7	5.5
E	4.1	3.7	1.4									9.1	4.2
ESE	.4											.4	2.0
SE	.4											.4	2.5
SSE	.6	.8	.4									1.3	4.4
S	1.6	1.2	.6	.2								3.7	5.0
SSW	.6	2.0	3.3	1.0	.4							7.3	7.9
SW	.6	3.0	3.5	.4								7.5	6.8
WSW	2.4	4.1	2.0									6.5	5.0
W	4.9	3.5	2.2	.8								11.4	4.9
WNW	1.8	.6	.6	.2								3.3	4.7
NW	.6	.4	.4									1.4	4.9
NNW	.3	1.4										2.2	4.1
VARBL			.2	.8								1.0	12.0
CALM												29.7	
	24.2	25.4	16.7	3.7	.4							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 492

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION: 10335 STATION NAME: FINTHEN AAF, DL YEARS: 73-81 SEP: 1980-1980
 CLASS: ALL WEATHER
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.4	.2		.2							2.4	6.2
NNE	1.2	.2	.2									1.5	3.4
NE	.4	2.0	.4									2.3	5.1
ENE	1.0	3.6	3.4	1.0								9.0	6.6
E	2.4	3.6	2.8	.6								9.4	5.7
ESE	.8	.4										1.2	2.7
SE	.2	.2										.4	4.0
SSE	.4	1.4	.2	.4								2.8	5.9
S	1.0	1.6	.8	.6								4.0	6.2
SSW	.8	1.8	3.0	1.4	.2							7.2	8.1
SW	2.5	2.8	2.4	2.2	.6							10.8	7.4
WSW	1.2	4.2	6.0	1.8	.2							13.3	7.6
W	0.0	3.6	3.8	.6	.2							10.2	6.4
WNW	.5	.8	1.0	.4								2.8	6.6
NW	1.0	.6	.8	.2								2.6	5.6
NNW	1.0	1.6	.2	.8								3.6	6.1
VARBL			.6	.8								1.4	12.1
CALM												14.7	
	17.7	29.7	25.7	10.8	1.4							170.0	5.7

TOTAL NUMBER OF OBSERVATIONS 502

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1 335 STATION FINTHEN AAF, DL 72-81 YEARS 51 MONTH NORTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.0	.2	.2								3.0	3.7
NNE	1.0	.6	.4									2.0	4.1
NE	.4	.6	.4									1.4	4.9
ENE	1.2	3.0	2.4	.4								7.0	6.3
E	.6	4.8	3.8									9.3	6.2
ESE	.8	1.4	.8									2.3	5.4
SE	1.0	.6	.2									1.8	3.7
SSE	1.0	1.0	1.0									3.8	4.9
S	1.8	3.0	1.2	1.0								7.0	5.7
SSW	1.2	1.0	1.8	2.0								6.0	6.7
SW	1.4	1.6	2.8	3.8	.4							10.1	9.4
WSW	1.8	1.8	3.8	2.4	1.4							11.3	9.2
W	2.4	2.2	4.4	1.0								11.1	6.6
WNW	.8	1.8	1.8									4.4	5.6
NW	.6	.8	2.0	1.0								4.4	8.3
NNW	.8	1.2	.6	.6								3.2	6.3
VARBL		.4	2.4	1.6								4.4	10.0
CALM												6.8	
	13.5	28.6	30.2	14.1	1.8							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 497

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10335 STATION NAME FINTHEN AAF, DL YEARS 73-81 SEP
MONTH
 CLASS ALL WEATHER 1500-1700
HOURS (L.S.T.)
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.3									5.2	5.8
NNE	.6	.4	.6									1.7	4.8
NE	.6	.2	.9									2.3	5.2
ENE	.8	1.2	1.7									3.7	5.7
E	2.1	2.9	2.5	.2								7.7	5.4
ESE	.8	1.7	1.0									3.5	5.4
SE	1.3	1.7	.4									3.1	4.3
SSE	.5	1.7	1.7									3.9	5.6
S	1.9	1.2	.8	.8								4.8	5.6
SSW	.5	1.7	3.1	2.3	.2							8.1	8.9
SW	1.2	1.5	4.6	2.7	.2							10.2	8.6
WSW	1.0	1.9	4.6	2.5								10.0	8.7
W	1.2	1.5	4.4	2.9	.4							10.4	9.3
WNW	1.9	2.1	2.3	.2								6.4	6.0
NW	1.7	2.1	1.9	.8								6.4	6.0
NNW	.6	1.7	.4	.2								2.9	5.4
VARBL			2.7	1.9								4.6	10.5
CALM												5.2	
	18.0	25.7	35.7	14.5	.8							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 482

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10-335 STATION FINTHEN AAF, DL STATION NAME 73-81 YEARS SEP MONTH
 ALL WEATHER CLASS 1990-2000 HOURLS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	1.5									2.8	7.3
NNE	1.5	.8	.3									2.6	3.7
NE	.7	1.0	.3									1.5	5.0
ENE	1.7	.5	.3									2.0	3.5
E	.8	3.9	1.5	.3								6.4	5.8
ESE	.5	1.5	.8									2.8	4.9
SE	.5	.8										1.5	3.2
SSE	2.3	1.7	.5									3.9	3.9
S	2.3	1.7	1.5									5.6	4.7
SSW	1.0	4.1	3.1	1.5								9.7	7.1
SW	.5	2.8	3.3	1.3								7.9	7.5
WSW	.8	1.8	4.3	.8	.3							7.9	7.6
W	3.3	5.4	1.8	1.8								12.3	6.0
WNW	2.0	1.3	1.0		.8							5.6	6.5
NW	1.8	.5	2.8	.3								5.4	6.7
NNW	1.3	1.0	1.5	.3								4.1	6.1
VARBL			.5	.5								1.0	10.5
CALM												16.9	
	29.7	29.7	25.1	6.6	1.0							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 391

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CARE ON
 SEE FIRST PAGE

18 335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	.8	.7	.7							3.2	5.1
NNE	1.1	.5	.3									1.9	3.8
NE	.5	1.1	.4									1.9	4.7
ENE	1.2	2.2	1.9	.3								5.7	5.9
E	2.0	3.5	2.4	.2								6.5	5.4
ESE	.6	.7	.5									2.3	4.8
SE	.6	.6	.1									1.4	3.8
SSE	1.1	1.3	.7	.1								3.2	4.9
S	1.7	1.7	.9	.5								4.9	5.4
SSW	.8	2.1	2.7	1.6	.2							7.4	8.1
SW	1.3	2.3	3.3	2.7	.2							9.2	6.0
WSW	1.5	2.8	4.0	1.5	.4							10.2	7.7
W	2.6	3.4	3.3	1.4	.1							10.8	6.6
WNW	1.4	1.4	1.3	.2	.1							4.4	5.8
NW	1.1	.4	1.5	.5								3.9	6.6
NNW	.9	1.3	.5	.4								3.1	5.7
VARBL		.1	1.3	1.1								2.4	10.7
CALM												15.8	
	19.7	27.6	26.0	9.8	1.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2471

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

10 335 FINTHEN AAF, DL 73-77 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

0300-0500

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2										3.2	3.3
NNE	1.1	1.1										2.2	3.0
NE	2.2		1.1									3.2	4.0
ENE	3.2	5.4	3.2									11.8	5.2
E	5.4	6.5	1.1									12.9	4.1
ESE	1.1											1.1	2.0
SE	1.1	1.1										2.2	4.5
SSE	1.1	1.1										2.2	3.5
S	1.1	3.2	1.1		1.1							6.5	7.5
SSW	1.1		2.2									3.2	6.7
SW	1.1	2.2	3.2									6.5	5.8
WSW		4.3	4.3									9.6	6.3
W	3.2	3.2	3.2									9.7	5.4
WNW				1.1								1.1	14.0
NW				1.1								1.1	11.0
NNW		1.1										1.1	6.0
VARBL													
CALM												23.7	
	22.6	31.2	19.4	2.2	1.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

10.335 STATION FINTHEN AAF, DL 73-81 YEARS OCT MONTH
 ALL WEATHER CLASS 6600-0600 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.4	.2									2.5	3.9
NNE	.9	.5	.4									1.8	4.0
NE	.4	1.1	.7									2.1	5.5
ENE	1.8	3.2	1.1	.7								6.7	5.9
E	2.7	5.9	5.0	.2								13.7	5.6
ESE	1.8	1.2	.7									3.7	4.2
SE	.4	.4	.2									.9	4.4
SSE	1.2	.9	.4	.2	.2							2.8	5.5
S	2.3	2.8	1.6									6.7	4.8
SSW	.7	1.1	1.8	.9								4.4	7.6
SW	.9	2.3	2.7	1.6								7.5	7.8
WSW	.5	6.4	5.2	1.4								13.5	7.1
W	2.3	2.7	1.4	.4								6.7	4.9
WNW	1.6	.7	.5	.4								3.2	5.1
NW	.7	.4	.2	.2								1.4	5.0
NNW	.5	.5	.4	.2								1.6	6.1
VARBL				.2								.2	14.0
CALM												20.4	
	19.5	31.4	22.2	6.2	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 563

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1-335 FINTHEN AAF, DL 73-81 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.3									2.4	4.4
NNE	1.3	.3	.5									1.9	4.0
NE	.7	.7										1.4	3.1
ENE	3.5	3.3	2.1	1.9								10.8	6.3
E	2.4	6.3	3.8	2.6								15.6	6.4
ESE	1.6	.3	.2									2.1	3.1
SE	.9	1.0	.2									2.1	3.8
SSE	.9	1.7	1.2	.2								4.0	5.8
S	1.7	2.6	1.6	.9								6.8	6.0
SSW	.9	.3	1.9	1.0								4.2	8.1
SW	.7	1.9	3.7	2.4	.5							9.3	9.1
WSW	.9	2.8	4.0	2.3								10.0	8.0
W	1.4	2.4	3.1	1.4		.2						8.6	7.7
WNW	1.0	1.2	1.0	.2								3.5	5.3
NW	.7	1.0	.9	.3								3.0	6.5
NNW	1.2	.7	.7									2.6	4.5
VARBL			.5	.7								1.2	10.4
CALM												10.5	
	20.8	28.1	25.9	14.0	.5	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 572

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 - 335 FINTHEN AAF, DL 73-81 OCT
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1200-1400
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.9	.2								2.6	6.0
NNE	.4	.7	.4									1.4	5.1
NE	1.4	1.1		.4								2.8	5.1
ENE	1.2	2.3	1.9	1.8								7.2	7.1
E	3.0	3.4	4.6	1.4								12.3	6.4
ESE	1.1	.4	.7	.2								2.3	4.9
SE	1.1	1.4	.4									2.8	4.1
SSE	2.5	1.6	2.3	.2								6.5	5.0
S	1.9	2.1	1.9									6.0	5.3
SSW	.7	1.6	1.6	.9								4.8	6.9
SW	1.1	1.6	3.0	3.5	.4							9.5	9.3
WSW	.2	1.4	3.9	3.2								8.6	9.6
W	.9	2.5	3.4	3.5	.2							10.4	9.2
WNW	.7	1.8	1.8	.2	.2							4.5	6.8
NW	.7	.5	1.2	.7								3.2	7.3
NNW	.7	.9	.4	.4								2.3	6.0
VARBL			1.4	.4								1.8	9.5
CALM												10.6	
	18.0	24.2	29.6	16.8	.7							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 567

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 - 335 FINTHEN AAF, DL 73-81 OCT

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

1500-1700

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.2									1.4	6.7
NNE	.7	.2	.4									1.2	4.6
NE	.4	.2	.4	.5								1.4	6.6
ENE	.7	2.1	2.8	.9								6.5	7.2
E	2.6	4.4	4.4	1.1								12.5	6.2
ESE	1.6	2.1	.9									4.6	4.3
SE	.5	.4										.9	3.2
SSE	1.4	1.6	.5	.2								3.7	4.8
S	2.8	2.8	1.1	.7								7.4	5.1
SSW	1.2	1.6	1.2	.7								4.8	6.0
SW	.2	3.4	3.4	3.2								10.1	8.8
WSW	.5	1.8	2.8	1.9	.2							7.2	6.9
W	1.4	3.4	4.6	3.0	.2							12.5	6.3
WNW	.4	1.6	.9	.4								3.2	6.4
NW	.7	.9	1.6									3.2	6.1
NNW	.2	1.6	1.1	.2								3.0	6.6
VARBL			.7	1.2								1.9	11.2
CALM												14.1	
	15.5	28.2	27.9	13.9	.4							170.0	6.0

TOTAL NUMBER OF OBSERVATIONS 567

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 6335 FINTHEN AAF, DL 73-81 OCT

STATION STATION NAME YEARS MONTHS

ALL WEATHER 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.1	.2									2.1	4.0
NNE	.6	1.1	.2	.4								2.3	6.0
NE	.7	.2	.4									.8	5.0
ENE	1.5	1.3	1.7	.8								5.3	6.6
E	2.7	5.3	2.5	.2								10.7	5.4
ESE	1.3	.8	.8									2.9	4.9
SE	1.3	.6										1.9	2.8
SSE	1.9	.6	.4									2.9	3.6
S	3.6	1.9	2.1									7.6	4.4
SSW	1.9	2.9	2.3									7.1	5.5
SW	2.5	3.2	3.8	.4								9.9	5.9
WSW	1.3	3.2	2.5	1.1	.2	.2						8.4	7.5
W	1.7	1.9	3.4	1.9								8.4	7.5
WNW	1.5	1.1	.8									3.4	4.6
NW	.8	1.9	1.1									3.8	5.0
NNW	.5	.4	.8	.2								2.1	6.2
VARBL			.2									.2	10.0
CALM												19.7	
	24.2	27.3	23.3	5.0	.2	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 476

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

USE WITH CAUTION
 SEE FIRST PAGE

1335 FINTHEN AAF, DL 77-81 061

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

ALL

HOURL (L & T)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.1	.6	.5								2.3	4.9
NNE	.7	.6	.4	.1								1.7	4.7
NE	.7	.6	.3	.2								1.6	5.4
ENE	1.8	2.6	2.0	1.2								7.5	6.5
E	2.9	5.1	4.0	1.1								13.0	6.0
ESE	1.4	1.0	.6	.0								3.1	4.3
SE	.8	.8	.1									1.7	3.8
SSE	1.6	1.3	1.0	.1	.0							4.0	5.0
S	2.4	2.5	1.6	.3	.0							6.9	5.2
SSW	1.1	1.4	1.8	.7								4.9	6.7
SW	1.0	2.4	3.3	2.2	.2							9.1	8.2
WSW	.6	3.1	3.7	1.9	.1	.0						9.5	8.1
W	1.6	2.6	3.2	2.0	.1	.0						9.4	7.7
WNW	1.0	1.2	1.0	.2	.0							3.5	5.8
NW	.7	.9	1.0	.3								2.8	6.1
NNW	.6	.8	.6	.2								2.3	5.9
VARBL			.6	.5								1.1	10.5
CALM												15.2	
	19.6	28.0	25.7	11.1	.4	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2838

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1 335 FINTHEN AAF, DL 77-78 NCV
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.1										2.2	4.0
NNE		1.1	1.1									3.3	5.7
NE		1.1										1.1	4.0
ENE		2.2	1.1									3.3	6.7
E	2.2		1.1									3.3	4.3
ESE		2.2										2.2	4.5
SE	1.1											1.1	3.0
SSE	1.1	1.1	2.2									4.3	6.0
S		3.3	1.1									4.3	5.8
SSW		2.2	2.2	2.2								6.5	8.2
SW		1.1	3.3	3.3								7.6	9.7
WSW	1.1	1.1	7.6	3.3								13.0	8.7
W	1.1	4.3	5.4	2.2	1.1							14.1	6.8
WNW													
NW	2.2		1.1									3.3	4.3
NNW		1.1										1.1	6.0
VARBL				2.2								2.2	14.0
CALM												27.2	
	9.8	22.8	26.1	13.0	1.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 92

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 0335 FINTHEN AAF, DL YEARS 73-81 MONTH NOV
STATION NAME YEARS MONTH

CLASS ALL WEATHER HOURS (L.S.T.) 0600-2800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.8	.2									1.7	4.2
NNE	.0	.8										1.5	3.5
NE	.0	.8	.4	.2								2.3	5.6
ENE	1.1	.6	.6	1.9								4.2	8.6
E	1.9	2.3	.9	.2								5.3	4.8
ESE	1.1	.7										2.1	3.5
SE	.8	.8	.2									1.7	4.1
SSE	1.9	1.3	.8									4.0	4.2
S	2.7	3.4	.6	.2								6.6	4.6
SSW	.9	2.5	1.3	.8								5.5	6.3
SW	1.3	2.5	4.9	1.7	.4							10.8	9.1
WSW	3.3	4.5	4.7	2.7	.2							15.2	7.3
W	2.8	3.2	4.4	2.5	.4							13.3	7.5
WNW	1.1	.7	1.3	.8								4.0	6.7
NW	.4	.2	.8									1.3	5.9
NNW	1.1	.6										2.5	4.8
VARBL			.4	.4								.8	10.8
CALM												17.2	
	22.7	25.9	22.0	11.2	.9							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 526

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

1-335 FINTHEN AAF, DL 73-81 NOV

STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.0	.4									2.1	4.5
NNE	1.1	.4	.6	.2								2.3	5.3
NE	.4	.6	1.7	.2								2.1	6.9
ENE	1.0		.4	2.1	.2							4.5	10.4
E	2.7	2.9	2.1	.8								8.4	5.3
ESE	1.1	.4										1.5	2.8
SE		.4	.4									1.0	6.0
SSE	.8	1.5	1.3	.2								3.8	6.1
S	1.9	2.3	1.3	.2								5.7	4.9
SSW	1.3	2.1	2.9	.4	.4							6.7	7.2
SW	.8	3.1	4.2	2.1	.2							10.3	9.0
WSW	2.3	3.4	6.3	3.4	1.0							16.4	8.7
W	1.7	4.0	5.7	2.9	.2							14.5	7.7
WNW	.6	1.0	1.1	.4								3.1	6.8
NW	.4	1.0	.6	.6								2.5	7.1
NNW	1.3	1.5	.8									3.3	5.2
VARBL			1.0									1.0	8.8
CALM												11.3	
	17.4	25.6	30.4	13.4	1.9							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 523

AD-A134 208

FINTHEN AAF GERMANY (WEST) LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARY (..(U) AIR FORCE ENVIRONMENTAL

2/4

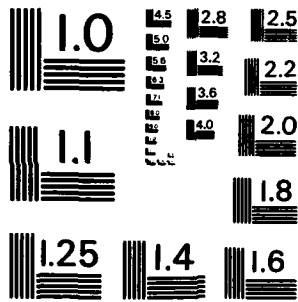
UNCLASSIFIED

TECHNICAL APPLICATIONS CENTER SCOTT A. . 05 AUG 83
USAFETAC/DS-83/036 SBI-AD-E850 426

F/G 4/2

NL

The table consists of 10 columns and 15 rows. The first two rows are mostly blacked out, with some white space in the first column of the second row. The remaining 13 rows are completely blacked out. The grid is used for recording surface observations.



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 0335 FINTHEN AAF, DL 73-81 N.Y.
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6	.6	.2								1.9	5.8
NNE		.6	1.1	.2								2.1	7.7
NE	.2	.6		.2	.2							1.3	7.6
ENE	.2	1.5	1.7	1.5	.4							5.3	9.1
E	1.7	2.8	1.7	.6								6.8	5.8
ESE	.8	.4										1.1	3.2
SE	.4	.9	.4									1.7	4.7
SSE	1.7	2.1	1.3	.2								4.9	5.3
S	1.3	2.1	.8	.4								4.5	5.0
SSW	1.7	1.9	1.7	1.1	.4	.2						7.0	8.1
SW	2.3	1.5	4.7	3.2	.2							11.9	8.2
WSW	1.1	3.4	5.6	3.9	1.1							15.6	9.2
W	1.3	2.4	6.2	4.3	.8							15.0	9.2
WNW	.4	1.1	2.1	.8								4.3	8.0
NW	.9	.6	1.1	.6								3.2	7.2
NNW	.4	1.1	1.1									2.6	6.0
VARBL			.8	1.3	.2							2.3	12.2
CALM												8.6	
	14.5	24.2	30.8	18.4	3.2	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 532

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION: 10335 STATION NAME: FINTHEN AAF, DL YEARS: 73-81 MONTH: NOV

CLASS: ALL WEATHER MONTHS: 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.4	.6								1.9	6.7
NNE	.7	1.3	1.0									2.5	6.2
NE		.4	.2	.4	.4							1.3	11.4
ENE	1.1	2.3	1.0	1.3								5.7	6.9
E	2.1	2.9	1.1									6.1	4.5
ESE	.8	1.9										2.7	4.1
SE	1.7	.6										2.3	3.2
SSE	.8	1.7	1.3									3.8	5.7
S	1.7	1.9	1.3	.4								5.3	5.4
SSW	2.7	1.9	3.0	.6	.8	.2						9.1	7.4
SW	1.1	3.2	4.4	1.7	.8							11.2	8.2
WSW	1.5	3.4	5.5	3.8	.2							14.5	8.4
W	1.0	2.1	6.3	4.6	.6							14.5	9.5
WNW	.2	.4	2.1	.6								3.2	8.8
NW	.4	.8	1.3	.8	.2							3.4	7.9
NNW	1.1	.6	.6									2.3	4.5
VARBL			.8	1.0								1.7	11.1
CALM												8.4	
	17.0	25.7	30.3	15.6	2.9	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 525

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)**

1-335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

NCV
MONTH

ALL WEATHER
CLASS

1900-2000
YEARS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.9	.9	.2								3.2	5.8
NNE		2.1	.2									2.3	5.0
NE	.2											.2	3.0
ENE	.7	1.4	.9	1.1								4.1	8.4
E	2.5	3.0	.5									5.9	3.8
ESE	.7	.9										1.6	4.3
SE	.9											.9	2.3
SSE	.7	2.3	.2									3.2	4.8
S	2.7	3.4	1.8	.7								8.7	5.6
SSW	1.1	2.7	1.4	.7		.5	.2					6.6	8.3
SW	.7	5.0	4.8	2.5								13.0	8.0
WSW	1.4	5.5	6.2	3.0	.2							16.2	7.6
W	.7	3.7	5.9	2.3	.7							13.2	8.7
WNW		.5	.7	.2								1.4	8.2
NW	.7	.5	.5									1.6	4.7
NNW	1.4	.2	.5									2.1	3.6
VARBL			.7	.7								1.4	11.7
CALM												14.6	
	15.3	32.0	25.1	11.4	.9	.5	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 438

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

USE WITH CAUTION
 SEE FIRST PAGE

1 0335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & P)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.7	.5	.2								2.1	5.4
NNE	.4	1.1	.6	.1								2.2	5.7
NE	.4	.5	.3	.2	.1							1.5	7.3
ENE	.8	1.2	1.0	1.6	.1							4.6	8.5
E	2.2	2.7	1.3	.3								6.4	4.9
ESE	.9	.9										1.8	3.6
SE	.5	.6	.2									1.5	4.0
SSE	1.1	1.7	1.1	.1								4.0	5.2
S	1.9	2.6	1.1	.3								6.0	5.1
SSW	1.4	2.2	2.1	.4	.3	.2	.0					7.0	7.5
SW	1.2	2.0	4.5	2.3	.3							11.3	8.1
WSW	1.9	4.0	5.7	3.4	.5							15.5	8.3
W	1.5	3.1	5.7	3.3	.5							14.1	8.5
WNW	.5	.7	1.4	.5								3.1	7.6
NW	.6	.5	.9	.4	.0							2.5	6.8
NNW	.9	.9	.7									2.5	5.0
VARBL			.7	.7	.0							1.4	11.3
CALM												12.5	
	17.2	26.4	27.7	14.1	2.0	.2	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2638

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)**

1 6335
STATION

FINTHEN AAF, DL
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.2										2.4	3.0
NNE													
NE				1.2								1.2	12.0
ENE	2.4	6.0	1.2									9.5	5.1
E	3.6	6.0	2.4	1.2								13.1	5.1
ESE			1.2									1.2	10.0
SE	1.2											1.2	3.0
SSE													
S	3.6	1.2	1.2									6.0	4.0
SSW	1.2	2.4	1.2	2.4	1.2							6.3	10.0
SW	3.6	2.4	2.4		1.2							9.5	6.9
WSW	1.2	2.4	4.8	1.2	1.2							13.7	8.8
W	2.4	2.4	2.4	2.4	1.2	1.2						11.9	9.8
WNW		1.2	1.2									2.4	7.0
NW		1.2	1.2	1.2	1.2							4.8	11.5
NNW		2.4										2.4	5.0
VARBL													
CALM												15.5	
	20.2	28.6	19.0	9.5	6.0	1.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 335 FINTHEN AAF, DL 73-81 DEC
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 0600-0800
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.2	.2									1.5	3.8
NNE		.2	.2	.2								1.2	8.3
NE	1.2	.2	.2									1.5	3.5
ENE	1.2	1.7	2.5	1.0								6.3	6.9
E	4.8	5.0	5.0	.6								16.3	5.4
ESE	.6	.4										1.5	3.4
SE	.6	.6										1.2	3.3
SSE	1.0	1.5	1.9	.2								4.6	6.4
S	1.5	2.3	1.2	.2								5.2	5.3
SSW	1.2	1.7	1.7	.8								5.4	6.6
SW	1.0	2.5	3.6	3.6	1.2							11.9	9.7
WSW	1.3	2.7	6.5	3.5	1.0							15.0	9.5
W	1.5	2.7	4.8	1.0	1.2	.2						11.3	8.6
WNW	.2	.5	.4	.6								1.7	8.3
NW	.4	.4	1.0	.8								2.5	9.3
NNW		.5	.4	.4								1.3	8.6
VARBL												12.1	
CALM													
	17.5	24.2	30.1	12.7	3.3	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 521

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)**

10-335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.4									1.3	5.6
NNE		.5	.4									.9	6.4
NE	.6	.4	.2	.7								1.8	7.7
ENE	1.5	2.8	2.2	.4								6.8	5.8
E	3.7	5.4	6.5	.4								15.2	6.3
ESE	.4	.4										.7	3.8
SE	.4	1.1	.2									1.7	4.9
SSE	1.3	1.1	.4	1.5								4.3	7.0
S	2.2	1.5	.9									4.6	4.3
SSW	1.8	3.0	2.8	.7	.2							8.5	6.5
SW	.9	2.0	4.8	2.8	.2							10.7	8.7
WSW	1.1	3.5	6.1	4.4	1.8	.4						17.4	10.3
W	.9	3.3	2.8	2.4	.2							9.6	8.3
WNW		.7	1.5	.6	.2							3.0	9.1
NW	.4	.4	.4	.6	.2							1.8	8.5
NNW	.9	.2		.2								1.3	4.4
VARBL			.6									.6	8.7
CALM												9.8	
	15.5	27.0	29.9	14.6	2.8	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

541

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100335 STATION NAME FINTHEN AAF, DL YEARS 73-81 MONTHS DEC
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	.6									1.5	5.0
NNE		.4	.2									.6	5.0
NE	.4	.2	.2	.2								.9	5.8
ENE	2.2	2.4	3.7	.7								9.2	6.4
E	2.2	3.0	6.9	.9								13.1	7.1
ESE	.7	.4	.2									1.3	4.0
SE	.7	.6										1.3	4.0
SSE	1.1	1.5	.6	.6								3.7	6.1
S	2.1	2.6	.4	.7								5.8	5.4
SSW	.7	2.8	1.7	.9		.2						6.4	7.4
SW	1.3	2.4	3.6	1.9	.6							10.1	6.3
WSW	1.3	2.2	5.8	7.3	1.7	.4						18.7	10.9
W	.6	2.2	2.4	2.8	1.9	.6						10.9	11.4
WNW		.9	1.7	.2	.4							3.2	9.4
NW	.6	1.1	.4	1.1	.4							3.6	9.2
NNW	.9	.7	.6	.2								2.4	5.6
VARBL			.2	.9								1.1	11.7
CALM												6.2	
	15.4	24.5	29.4	18.5	4.9	1.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 534

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 104335 FINTHEN AAF, DL YEARS 73-81 MONTH DEC
 STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.6	.4									2.9	4.3
NNE	.4	1.7	.2									1.6	4.5
NE		.5	1.0									1.6	7.3
ENE	2.0	3.7	1.8	.2								7.6	5.2
E	2.3	3.7	5.3	.4								11.7	6.4
ESE	.8	.4										1.2	3.2
SE	1.0	.6	.4									2.3	4.0
SSE	2.0	2.2	.4									4.5	3.7
S	2.3	.0	1.0	.4								4.5	4.9
SSW	.6	3.3	1.6	2.0	.2							7.6	7.7
SW	.8	2.5	4.9	1.8	.2							10.2	8.4
WSW	.8	1.8	4.9	6.8	1.6							15.9	11.1
W	.8	2.7	2.7	2.9	1.2	.2						10.6	10.1
WNW	.4	.4	1.0	1.0	.2							2.5	10.8
NW	.4	1.7	.6	.4								2.3	7.3
NNW	.2	1.4	.4									2.3	5.5
VARBL			.6	.6								1.2	10.7
CALM												10.2	
	15.3	27.6	27.0	16.4	3.3	.2						170.0	6.9

TOTAL NUMBER OF OBSERVATIONS 511

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

106335 FINTHEN AAF, DL 73-81 DEC

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

CLASS HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.9										1.2	4.5
NNE	.9	1.5	.6	.3								3.2	5.8
NE	.6	1.2	.3									2.0	4.4
ENE	1.5	2.6	1.5	.6								6.1	5.5
E	2.6	5.5	5.2	.3								13.7	6.1
ESE	1.2	.6										1.7	3.2
SE	1.7	.6										2.3	3.0
SSE	.9	1.7	.6									3.2	4.6
S	.9	1.7	1.2	.6								4.4	6.3
SSW	.3	2.0	3.5	.9	.3							7.3	8.3
SW	.6	2.6	4.9	1.5								9.6	7.9
WSW	1.2	2.3	5.5	4.9	1.5							15.4	10.0
W	1.5	2.9	2.6	2.9	2.0	.6						12.5	10.5
WNW	1.7	.9	.6	.9								4.1	6.3
NW	.6	.6	.6	.3								2.0	6.6
NNW	.3	.6			.3							1.2	7.3
VARBL			.6									.6	8.5
CALM												9.9	
	16.6	28.2	27.6	13.1	4.1	.6						130.0	6.8

TOTAL NUMBER OF OBSERVATIONS 344

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

USE WITH CAUTION
 SEE FIRST PAGE

STATION 106335 STATION NAME FINTHEN AAF, DL YEARS 73-81 MONTH DEC
 CLASS ALL WEATHER
 HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.8	.3									1.7	4.5
NNE	.2	.4	.4	.1								1.3	6.0
NE	.5	.4	.4	.2								1.5	6.0
ENE	1.7	2.9	2.4	.6								7.4	6.0
E	3.0	4.7	5.7	.6								14.0	6.2
ESE	.7	.4	.1									1.1	3.7
SE	.8	.7	.1									1.6	3.9
SSE	1.2	1.5	.7	.5								4.0	5.7
S	1.9	1.8	.9	.4								5.0	5.1
SSW	1.0	2.6	2.1	1.1	.2	.0						7.0	7.3
SW	1.0	2.5	4.3	2.3	.5							10.5	8.6
WSW	1.1	2.5	5.8	5.3	1.5	.2						16.4	10.4
W	1.1	2.9	3.2	2.4	1.2	.3						10.9	9.8
WNW	.3	.7	1.1	.6	.2							2.8	6.8
NW	.4	.7	.6	.7	.2							2.6	8.6
NNW	.5	.7	.3	.2	.0							1.7	6.0
VARBL			.4	.3								.7	10.4
CALM												9.8	
	16.1	26.2	28.6	15.0	3.7	.5						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2535

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below. D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 4335 FINTHEN AAF, DL

73, 75-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS - LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO. CEILING	11.1	13.7	15.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 7000	12.5	15.3	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
18000	12.5	15.3	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
16000	12.5	15.3	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
14000	12.5	15.3	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
12000	12.5	15.3	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
10000	12.5	15.3	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
9000	12.5	15.3	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
8000	15.3	18.1	19.4	25.0	25.0	25.0	25.0	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
7000	16.7	19.4	20.8	26.4	26.4	26.4	26.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
6000	16.7	19.4	20.8	26.4	26.4	26.4	26.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
5000	19.4	22.2	23.6	29.2	29.2	29.2	29.2	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
4500	23.6	27.8	29.2	34.7	34.7	34.7	34.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
4000	23.6	27.8	29.2	34.7	34.7	34.7	34.7	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
3500	29.2	33.3	34.7	40.3	41.7	41.7	41.7	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
3000	30.6	37.5	38.9	47.2	48.6	48.6	48.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2500	31.9	38.9	40.3	48.6	50.0	50.0	51.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
2000	38.9	47.2	48.6	58.3	59.7	59.7	61.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
1800	40.3	48.6	50.0	61.1	62.5	62.5	63.9	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
1500	47.2	56.9	58.3	73.6	75.0	75.0	76.4	77.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
1200	50.0	59.7	62.5	79.2	80.6	80.6	81.9	83.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
1000	52.8	62.5	65.3	83.3	84.7	84.7	86.1	87.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
900	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
800	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
700	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
600	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
500	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
400	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
300	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	93.1	93.1	93.1	93.1	93.1	93.1	94.4	94.4
200	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	93.1	93.1	93.1	93.1	93.1	93.1	94.4	97.2
100	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	93.1	93.1	93.1	93.1	93.1	93.1	95.8	100.0
0	52.8	62.5	65.3	83.3	86.1	86.1	87.5	88.9	93.1	93.1	93.1	93.1	93.1	93.1	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL
STATION

73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0	
NO CEILING	7.5	9.3	10.5	14.4	14.8	14.9	15.7	16.7	16.7	16.7	16.7	17.1	17.1	17.1	18.1	18.7	18.9
≥ 20000	8.1	10.1	11.4	15.5	15.8	16.0	16.7	18.0	18.0	18.0	18.0	18.3	18.3	18.5	19.6	20.1	20.3
IV 18000	8.0	10.1	11.4	15.5	15.8	16.0	16.7	18.0	18.0	18.0	18.0	18.3	18.3	18.5	19.6	20.1	20.3
IV 16000	8.0	10.1	11.4	15.5	15.8	16.0	16.7	18.0	18.0	18.0	18.0	18.3	18.3	18.5	19.6	20.1	20.3
IV 14000	8.0	10.1	11.4	15.5	15.8	16.0	16.7	18.0	18.0	18.0	18.0	18.3	18.3	18.5	19.6	20.1	20.3
IV 12000	8.0	10.1	11.4	15.5	15.8	16.0	16.7	18.0	18.0	18.0	18.0	18.3	18.3	18.5	19.6	20.1	20.3
IV 10000	8.2	10.5	11.7	16.4	16.7	16.9	17.6	18.9	18.9	18.9	19.2	19.2	19.4	20.5	21.0	21.2	
IV 9000	8.4	10.7	11.9	16.7	17.1	17.3	18.0	19.4	19.4	19.4	19.8	19.8	19.9	21.0	21.5	21.7	
IV 8000	10.0	12.6	14.1	19.0	19.6	19.8	20.5	21.9	21.9	22.2	22.6	22.6	22.8	23.8	24.4	24.6	
IV 7000	10.9	13.5	14.9	20.1	21.2	21.4	22.1	23.5	23.5	23.8	24.2	24.2	24.4	25.4	26.0	26.2	
IV 6000	10.9	13.5	14.9	20.1	21.2	21.4	22.1	23.5	23.5	23.8	24.2	24.2	24.4	25.4	26.0	26.2	
IV 5000	13.0	15.8	17.3	22.4	23.5	23.7	24.4	26.2	26.2	26.5	26.9	26.9	27.0	28.1	28.6	28.8	
IV 4500	14.4	17.3	18.9	24.2	25.3	25.4	26.2	27.9	27.9	28.3	28.6	28.6	28.8	29.9	30.4	30.6	
IV 4000	16.2	19.6	21.9	28.3	29.4	29.5	30.4	32.4	32.4	32.7	33.1	33.1	33.3	34.3	34.9	35.1	
IV 3500	19.6	23.1	25.8	32.7	33.8	34.0	34.9	37.0	37.0	37.5	37.9	37.9	38.1	39.1	39.7	39.9	
IV 3000	23.0	26.3	31.7	39.5	41.6	41.8	42.9	45.0	45.0	46.6	47.2	47.2	47.3	48.4	48.9	49.1	
IV 2500	24.2	30.4	33.8	42.0	44.3	44.5	46.1	48.2	48.4	50.2	50.7	50.7	50.9	52.0	52.5	52.7	
IV 2000	31.0	39.1	42.9	53.2	55.9	56.0	58.5	61.0	61.9	63.9	64.4	64.4	64.6	65.7	66.2	66.4	
IV 1800	31.3	39.7	44.0	54.6	57.3	57.5	60.1	62.6	63.9	65.8	66.4	66.4	66.5	67.6	68.1	68.3	
IV 1500	32.7	42.3	46.8	56.5	62.1	62.3	65.1	67.6	69.2	71.4	71.9	71.9	72.1	73.1	73.7	73.8	
IV 1200	35.6	45.7	50.5	63.5	67.6	67.8	71.5	74.2	76.0	78.1	78.8	78.8	79.2	80.8	81.5	81.9	
IV 1000	35.8	45.9	50.7	64.2	68.9	69.0	73.3	76.3	78.1	80.6	81.3	81.3	81.7	83.3	84.0	84.3	
IV 900	35.8	45.9	50.9	65.1	70.1	70.3	74.6	77.8	79.5	82.0	82.7	82.7	83.3	84.9	85.6	85.9	
IV 800	35.8	45.9	50.9	65.3	70.3	70.5	75.1	78.5	80.4	82.9	83.6	83.6	84.7	86.3	87.0	87.4	
IV 700	35.8	45.9	50.9	65.5	70.5	70.6	75.6	79.2	81.5	84.0	84.7	84.7	85.8	87.4	88.1	88.4	
IV 600	35.8	45.9	50.9	65.5	70.5	70.6	75.6	79.2	81.5	84.0	84.7	84.7	85.8	87.4	88.1	88.4	
IV 500	35.8	45.9	50.9	65.5	70.5	70.6	75.6	79.4	82.0	84.5	85.8	85.8	87.0	88.6	89.3	89.7	
IV 400	35.8	45.9	50.9	65.5	70.5	70.6	76.0	80.1	82.9	85.8	87.0	87.0	88.6	90.2	90.9	91.3	
IV 300	35.8	45.9	50.9	65.5	70.5	70.6	76.0	80.2	83.5	86.5	87.7	87.7	89.3	92.0	93.1	93.8	
IV 200	35.8	45.9	50.9	65.5	70.5	70.6	76.2	80.4	83.6	86.7	88.1	88.1	90.0	93.4	95.0	96.8	
IV 100	35.8	45.9	50.9	65.5	70.5	70.6	76.2	80.4	83.8	86.8	88.3	88.3	90.2	94.0	96.3	99.5	
IV 0	35.8	45.9	50.9	65.5	70.5	70.6	76.2	80.4	83.8	86.8	88.3	88.3	90.2	94.1	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 562

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17335 FINTHEN AAF, DL

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	7.2	8.9	9.3	11.8	13.2	13.6	13.7	14.1	15.1	16.1	16.3	16.3	16.6	17.3	17.7	18.0
≥ 20000	7.7	10.3	10.5	13.9	15.3	15.6	16.0	16.3	17.7	18.7	18.9	18.9	19.2	19.9	20.2	20.6
MIN 18000	7.9	10.5	11.0	14.2	15.6	16.0	16.3	16.6	18.0	19.0	19.2	19.2	19.6	20.2	20.6	21.1
MIN 16000	7.9	10.5	11.0	14.2	15.6	16.0	16.3	16.6	18.0	19.0	19.2	19.2	19.6	20.2	20.6	21.1
MIN 14000	7.9	10.5	11.0	14.2	15.6	16.0	16.3	16.6	18.0	19.0	19.2	19.2	19.6	20.2	20.6	21.1
MIN 12000	7.9	10.5	11.0	14.2	15.6	16.0	16.3	16.6	18.0	19.0	19.2	19.2	19.6	20.2	20.6	21.1
MIN 10000	8.9	11.7	12.2	15.4	16.8	17.2	17.5	17.8	19.2	20.4	20.6	20.6	20.9	21.6	22.0	22.5
MIN 9500	9.4	12.2	12.7	16.0	17.3	17.7	18.0	18.4	19.7	20.9	21.1	21.1	21.4	22.1	22.5	23.0
MIN 9000	11.3	14.4	15.4	19.6	21.6	22.0	22.6	23.0	24.4	25.6	25.7	25.7	26.1	26.8	27.1	27.6
MIN 8500	11.5	14.6	15.8	20.1	22.8	23.2	23.8	24.2	25.6	26.8	26.9	26.9	27.3	28.3	28.6	29.2
MIN 8000	12.0	15.1	16.3	20.6	23.3	23.7	24.4	24.7	26.1	27.3	27.4	27.4	27.8	28.8	29.2	29.7
MIN 7500	12.0	16.1	17.3	21.6	24.7	25.0	25.7	26.1	27.4	28.6	28.8	28.8	29.2	30.2	30.5	31.0
MIN 7000	14.2	17.8	19.0	24.0	27.1	27.4	28.1	28.5	29.8	31.0	31.2	31.2	31.6	32.6	32.9	33.4
MIN 6500	17.7	21.6	22.8	28.3	31.9	32.2	32.9	33.3	34.6	35.8	36.2	36.2	36.5	37.6	37.9	38.4
MIN 6000	19.7	23.8	25.3	31.2	35.3	36.2	37.0	37.6	39.1	40.3	40.7	40.7	41.0	42.0	42.4	42.9
MIN 5500	22.1	26.2	27.8	35.5	41.0	42.0	43.1	43.7	45.3	46.7	47.0	47.0	47.3	48.7	49.1	49.6
MIN 5000	23.3	28.3	29.8	38.3	43.9	45.1	46.3	47.2	48.7	50.1	50.4	50.4	50.8	52.1	52.5	53.0
MIN 4500	28.3	34.0	35.8	45.5	52.7	54.0	56.4	58.1	60.2	61.7	62.1	62.3	62.6	64.2	64.5	65.0
MIN 4000	28.8	35.3	37.6	47.3	54.5	55.9	58.3	60.0	62.1	64.0	64.3	64.7	65.2	66.7	67.1	67.6
MIN 3500	32.2	38.9	41.2	51.5	59.3	60.9	63.6	65.7	67.8	69.8	70.2	70.5	71.0	72.6	72.9	73.4
MIN 3000	34.1	42.2	44.6	56.1	64.7	66.4	69.8	72.2	74.3	76.8	77.2	77.5	78.2	79.8	80.3	80.8
MIN 2500	34.3	42.9	45.5	57.6	66.4	68.6	72.4	75.0	77.5	80.1	80.6	81.0	81.6	83.2	83.9	84.4
MIN 2000	34.8	42.9	45.5	57.8	66.6	68.8	73.4	76.0	78.6	81.1	81.8	82.2	82.8	84.4	85.1	85.8
MIN 1800	34.8	43.1	46.0	58.5	67.6	69.8	74.4	77.0	79.6	83.2	83.9	84.2	84.9	86.6	87.3	88.0
MIN 1600	34.8	43.1	46.0	58.5	67.8	70.0	75.0	77.7	80.6	84.2	85.1	85.4	86.4	88.3	89.0	89.7
MIN 1400	34.8	43.1	46.0	58.5	67.8	70.0	75.0	77.9	80.8	84.6	85.4	85.9	87.0	89.0	89.7	90.4
MIN 1200	34.8	43.1	46.0	58.5	67.8	70.0	75.0	77.9	80.8	85.2	86.1	87.0	88.2	90.2	90.9	91.6
MIN 1000	34.8	43.1	46.0	58.5	67.8	70.0	75.0	78.0	81.0	86.1	87.0	88.0	89.2	91.4	92.3	93.0
MIN 800	34.8	43.1	46.0	58.5	67.8	70.0	75.0	78.2	81.3	86.6	87.5	88.5	89.7	92.1	93.3	94.7
MIN 600	34.8	43.1	46.0	58.5	67.8	70.0	75.0	78.2	81.3	86.6	87.5	88.5	89.9	93.3	95.2	98.1
MIN 400	34.8	43.1	46.0	58.5	67.8	70.0	75.0	78.2	81.5	87.0	87.8	88.9	90.2	93.7	96.1	99.8
MIN 200	34.8	43.1	46.0	58.5	67.8	70.0	75.0	78.2	81.5	87.0	87.8	88.9	90.2	93.7	96.1	100.0
MIN 100	34.8	43.1	46.0	58.5	67.8	70.0	75.0	78.2	81.5	87.0	87.8	88.9	90.2	93.7	96.1	100.0
MIN 0	34.8	43.1	46.0	58.5	67.8	70.0	75.0	78.2	81.5	87.0	87.8	88.9	90.2	93.7	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 583

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 33^E FINTHEN AAF, DL

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	4.6	5.9	6.5	10.0	11.7	11.9	12.6	13.9	14.1	15.1	15.3	15.5	15.7	15.8	16.0	16.2
≥ 20000	5.5	7.4	8.6	12.2	13.9	14.1	14.8	16.4	16.5	17.6	17.7	17.9	18.1	18.2	18.4	18.6
≥ 18000	5.5	7.6	8.8	13.4	15.1	15.3	16.0	17.6	17.7	18.8	18.9	19.1	19.3	19.4	19.6	19.8
≥ 16000	5.5	7.6	8.8	13.4	15.1	15.3	16.0	17.6	17.7	18.8	18.9	19.1	19.3	19.4	19.6	19.8
≥ 14000	5.7	7.7	9.1	13.6	15.3	15.5	16.2	17.7	17.9	18.9	19.1	19.3	19.4	19.6	19.8	20.0
≥ 12000	6.1	8.3	9.5	14.1	15.8	16.0	16.7	18.2	18.4	19.4	19.6	19.8	20.0	20.1	20.3	20.5
≥ 10000	6.4	9.3	10.7	15.3	17.2	17.4	18.1	19.6	19.8	20.8	21.0	21.2	21.3	21.5	21.7	21.9
≥ 9000	7.2	9.6	11.1	15.7	17.6	17.7	18.4	20.0	20.1	21.2	21.3	21.5	21.7	21.9	22.0	22.2
≥ 8000	9.6	12.2	14.1	19.3	21.7	22.2	23.1	25.0	25.1	26.2	26.3	26.5	26.7	26.9	27.0	27.2
≥ 7000	10.2	12.7	14.6	19.8	22.4	23.1	24.1	26.0	26.2	27.2	27.4	27.5	27.7	27.9	28.1	28.2
≥ 6000	10.2	12.7	14.6	19.8	22.4	23.1	24.1	26.0	26.2	27.2	27.4	27.5	27.7	27.9	28.1	28.2
≥ 5000	11.9	15.1	17.1	22.7	25.6	26.5	27.5	29.4	29.6	30.6	30.8	31.0	31.2	31.3	31.5	31.7
≥ 4500	13.6	16.9	18.8	24.6	27.5	28.4	29.4	31.3	31.5	32.5	32.7	32.9	33.0	33.2	33.4	33.6
≥ 4000	16.5	20.5	22.9	29.4	33.2	34.1	35.1	37.2	37.3	38.4	38.6	38.7	38.9	39.1	39.2	39.4
≥ 3500	19.1	23.8	26.2	33.4	38.9	39.9	41.1	43.2	43.4	44.6	44.8	44.9	45.1	45.3	45.4	45.6
≥ 3000	25.1	29.9	32.5	41.1	47.0	48.9	50.8	52.8	53.0	54.4	54.6	54.7	54.9	55.1	55.2	55.4
≥ 2500	26.7	31.8	34.9	43.9	50.8	52.7	54.9	57.0	57.1	58.5	58.7	58.9	59.0	59.4	59.6	59.7
≥ 2000	29.9	35.5	39.6	50.1	59.4	61.4	64.0	66.1	66.6	68.3	68.7	68.8	69.2	69.5	69.7	69.9
≥ 1800	31.2	36.7	40.8	51.6	60.9	63.0	65.9	68.2	68.7	70.4	70.7	70.9	71.3	71.6	71.8	71.9
≥ 1500	32.7	38.2	42.3	55.2	64.9	67.3	71.1	73.7	74.2	76.2	76.6	76.8	77.1	77.6	77.8	78.0
≥ 1200	35.3	41.3	45.4	59.4	69.5	72.5	77.3	79.9	80.7	83.3	83.6	83.8	84.3	84.9	85.0	85.2
≥ 1000	36.0	42.2	46.5	60.4	70.7	73.8	79.2	81.8	82.9	85.4	85.7	86.1	86.6	87.3	87.4	87.6
≥ 900	36.0	42.2	46.5	60.4	71.1	74.2	79.9	82.4	83.5	86.2	86.6	86.9	87.4	88.1	88.3	88.5
≥ 800	36.1	42.3	46.6	60.9	71.6	74.7	80.7	83.5	84.7	87.4	87.8	88.1	88.6	89.3	89.5	89.7
≥ 700	36.1	42.3	46.6	60.9	71.6	74.7	80.7	83.5	85.0	88.1	88.5	88.8	89.5	90.2	90.4	90.5
≥ 600	36.1	42.3	46.6	61.3	72.1	75.2	81.2	84.2	85.7	89.2	89.5	89.8	90.9	91.7	91.9	92.3
≥ 500	36.1	42.3	46.6	61.3	72.1	75.2	81.6	84.9	86.4	90.0	90.4	90.7	91.9	92.8	92.9	93.3
≥ 400	36.1	42.3	46.6	61.3	72.1	75.2	81.6	85.0	86.6	90.7	91.0	91.4	92.9	94.3	95.0	95.4
≥ 300	36.1	42.3	46.6	61.3	72.1	75.2	81.6	85.0	86.7	91.7	92.1	92.6	94.1	95.5	96.2	97.1
≥ 200	36.1	42.3	46.6	61.3	72.1	75.2	81.6	85.0	86.7	91.7	92.1	92.6	94.3	96.2	97.1	99.0
≥ 100	36.1	42.3	46.6	61.3	72.1	75.2	81.6	85.0	86.7	91.7	92.1	92.6	94.3	96.2	97.4	100.0
≥ 0	36.1	42.3	46.6	61.3	72.1	75.2	81.6	85.0	86.7	91.7	92.1	92.6	94.3	96.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 581

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10F331 FINTHEN AAF, DL
STATION NAME

73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	6.5	7.9	17.0	14.5	16.5	16.9	19.4	19.8	19.8	20.1	20.1	20.1	20.1	20.3	20.3	20.3
≥ 20000	7.2	9.8	17.0	16.9	18.9	19.4	22.4	22.9	22.9	23.4	23.4	23.4	23.4	23.6	23.6	23.6
≥ 18000	7.6	10.3	12.6	18.1	20.1	20.7	23.6	24.1	24.1	24.6	24.6	24.6	24.6	24.8	24.8	24.8
≥ 16000	7.6	10.3	12.6	18.1	20.1	20.7	23.6	24.1	24.1	24.6	24.6	24.6	24.6	24.8	24.8	24.8
≥ 14000	7.6	10.3	12.6	18.1	20.1	20.7	23.6	24.1	24.1	24.6	24.6	24.6	24.6	24.8	24.8	24.8
≥ 12000	8.1	11.0	14.3	19.9	21.0	21.6	24.4	25.0	25.0	25.5	25.5	25.5	25.5	25.6	25.6	25.6
≥ 10000	8.8	12.0	14.3	20.0	22.0	22.5	25.5	26.0	26.0	26.5	26.5	26.5	26.5	26.7	26.7	26.7
≥ 9000	9.3	12.6	14.8	20.7	22.7	23.2	26.3	26.9	26.9	27.4	27.4	27.4	27.4	27.5	27.5	27.5
≥ 8000	12.4	16.4	16.6	24.8	26.9	27.5	31.0	31.5	31.5	32.2	32.2	32.2	32.2	32.4	32.4	32.4
≥ 7000	13.3	17.4	19.6	25.8	27.9	28.6	32.0	32.5	32.5	33.2	33.2	33.2	33.2	33.4	33.4	33.4
≥ 6000	13.6	17.7	20.0	26.2	28.2	28.9	32.4	32.9	32.9	33.6	33.6	33.6	33.6	33.7	33.7	33.7
≥ 5000	15.0	19.5	22.2	28.9	31.0	31.7	35.1	35.6	35.6	36.3	36.3	36.3	36.3	36.5	36.5	36.5
≥ 4500	15.7	20.7	23.2	30.3	32.5	33.2	37.0	37.5	37.5	38.2	38.2	38.2	38.2	38.4	38.4	38.4
≥ 4000	17.2	22.4	25.1	33.9	36.5	37.2	41.0	41.7	41.7	42.3	42.3	42.3	42.3	42.5	42.5	42.5
≥ 3500	21.0	26.3	29.1	38.7	41.5	42.9	46.8	47.5	47.5	48.2	48.2	48.2	48.2	48.5	48.5	48.5
≥ 3000	27.0	33.4	36.1	46.3	49.6	51.6	55.9	56.8	57.0	57.8	57.8	57.8	57.8	58.2	58.3	58.3
≥ 2500	30.0	37.7	47.6	50.9	55.1	57.1	61.4	62.3	62.5	63.5	63.5	63.5	63.5	63.9	64.0	64.0
≥ 2000	33.2	41.5	45.8	57.5	62.7	65.9	70.6	71.6	72.1	73.3	73.3	73.3	73.5	73.8	74.0	74.0
≥ 1800	33.4	41.7	46.7	59.0	63.3	66.6	71.8	72.8	73.5	74.7	74.7	74.7	74.9	75.2	75.4	75.4
≥ 1500	34.4	42.9	47.7	61.1	67.1	70.9	76.2	77.6	78.5	79.7	79.7	79.7	80.0	80.4	80.6	80.6
≥ 1200	35.1	44.2	49.2	63.2	69.9	73.8	79.7	81.2	82.6	84.3	84.5	84.5	84.9	85.2	85.4	85.4
≥ 1000	35.6	45.4	51.6	65.1	72.3	76.6	82.6	84.2	85.5	87.3	87.6	87.6	88.0	88.3	88.5	88.5
≥ 900	35.6	45.4	51.6	65.2	72.6	77.1	83.1	84.7	86.2	88.3	88.6	88.6	89.0	89.3	89.5	89.5
≥ 800	35.6	45.4	50.6	65.2	73.0	77.5	83.6	85.7	87.3	89.3	89.7	89.7	90.0	90.4	90.5	90.5
≥ 700	35.6	45.4	50.6	65.4	73.3	77.8	84.2	86.6	88.3	90.4	90.7	90.7	91.2	91.7	91.9	91.9
≥ 600	35.6	45.4	50.6	65.4	73.3	77.8	84.3	86.7	88.5	90.5	90.9	90.9	91.4	92.1	92.3	92.3
≥ 500	35.6	45.4	50.6	65.4	73.3	77.8	84.3	87.3	90.0	92.3	92.6	92.8	93.3	94.0	94.1	94.1
≥ 400	35.6	45.4	50.6	65.4	73.3	77.8	84.3	87.4	90.7	93.1	93.5	93.6	94.1	95.2	95.7	95.9
≥ 300	35.6	45.4	50.6	65.4	73.3	77.8	84.3	87.4	90.7	93.3	93.6	93.8	94.3	95.7	96.4	96.6
≥ 200	35.6	45.4	50.6	65.4	73.3	77.8	84.3	87.4	90.7	93.3	93.6	93.8	94.3	97.2	98.5	99.1
≥ 100	35.6	45.4	50.6	65.4	73.3	77.8	84.3	87.4	90.7	93.3	93.6	93.8	94.3	97.8	99.1	100.0
≥ 0	35.6	45.4	50.6	65.4	73.3	77.8	84.3	87.4	90.7	93.3	93.6	93.8	94.3	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 581

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	5.4	10.8	12.6	16.2	17.8	18.4	21.4	23.2	23.2	23.6	24.0	24.0	24.2	24.4	24.4	24.6
≥ 20000	17.6	13.2	15.6	20.0	21.8	22.8	25.7	27.9	27.9	28.3	28.7	28.7	28.9	29.1	29.1	29.3
IVM 18000	10.8	13.4	15.8	20.2	22.2	23.2	26.1	28.3	28.3	28.7	29.1	29.1	29.3	29.5	29.5	29.7
IVM 16000	10.8	13.4	15.8	20.2	22.2	23.2	26.1	28.3	28.3	28.7	29.1	29.1	29.3	29.5	29.5	29.7
IVM 14000	10.8	13.4	15.8	20.2	22.2	23.2	26.1	28.3	28.3	28.7	29.1	29.1	29.3	29.5	29.5	29.7
IVM 12000	11.4	14.4	16.8	21.2	23.2	24.2	27.1	29.3	29.3	29.7	30.1	30.1	30.3	30.5	30.5	30.7
IVM 10000	11.4	15.0	17.4	21.8	23.8	24.8	27.7	29.9	29.9	30.3	30.7	30.7	30.9	31.1	31.1	31.3
IVM 9000	12.0	15.6	18.0	22.4	24.4	25.3	28.3	30.5	30.5	30.9	31.3	31.3	31.5	31.7	31.7	31.9
IVM 8000	14.0	18.6	21.2	26.5	29.7	29.7	32.9	35.1	35.1	35.5	35.9	35.9	36.1	36.3	36.3	36.5
IVM 7000	15.0	19.6	22.2	27.7	29.9	30.9	34.1	36.3	36.3	36.7	37.1	37.1	37.3	37.5	37.5	37.7
IVM 6000	15.0	19.6	22.2	27.7	29.9	30.9	34.1	36.3	36.3	36.7	37.1	37.1	37.3	37.5	37.5	37.7
IVM 5000	16.2	20.8	23.4	29.3	31.5	32.7	35.9	38.1	38.1	38.5	38.9	38.9	39.1	39.3	39.3	39.5
IVM 4500	17.2	21.8	24.4	30.7	32.9	34.1	37.3	39.5	39.5	39.9	40.3	40.3	40.5	40.7	40.7	40.9
IVM 4000	18.2	23.2	25.7	32.9	35.9	37.1	40.3	42.5	42.5	42.9	43.3	43.3	43.5	43.7	43.7	43.9
IVM 3500	19.4	25.0	27.5	34.7	37.9	39.3	42.5	44.7	44.7	45.1	45.5	45.5	45.7	46.1	46.1	46.3
IVM 3000	23.6	30.5	33.5	42.7	48.1	49.9	53.3	55.7	56.1	56.5	56.9	56.9	57.1	57.7	57.7	57.9
IVM 2500	27.1	35.1	39.1	49.3	55.7	57.9	61.3	64.1	64.5	64.9	65.3	65.3	65.5	66.1	66.1	66.3
IVM 2000	30.7	40.3	44.9	57.3	64.5	67.1	70.9	73.7	74.1	75.0	75.6	75.6	75.8	76.6	76.6	76.8
IVM 1800	32.3	41.7	46.7	59.7	66.9	69.5	73.3	76.2	76.6	77.6	78.2	78.2	78.4	79.2	79.2	79.4
IVM 1500	33.7	43.9	49.1	62.3	70.3	72.9	76.8	80.6	81.0	82.0	82.6	82.6	82.8	83.6	83.6	83.8
IVM 1200	35.3	45.7	51.9	64.5	74.1	76.6	80.8	85.2	85.6	86.6	87.2	87.2	87.4	88.4	88.4	88.6
IVM 1000	35.5	45.9	51.1	65.1	75.6	78.4	82.6	87.0	87.4	88.4	89.0	89.0	89.2	90.2	90.2	90.4
IVM 900	35.5	45.9	51.1	65.5	76.2	79.0	83.2	87.8	88.2	89.4	90.0	90.0	90.2	91.2	91.2	91.4
IVM 800	35.5	45.9	51.1	65.5	76.4	79.2	83.4	88.4	89.0	90.4	91.0	91.0	91.2	92.4	92.4	92.6
IVM 700	35.5	45.9	51.1	65.5	76.8	79.6	83.8	88.8	89.6	92.2	92.8	92.8	93.0	94.2	94.2	94.4
IVM 600	35.5	45.9	51.1	65.5	76.8	79.6	83.8	88.8	89.6	92.4	93.0	93.2	93.6	94.8	94.8	95.0
IVM 500	35.5	45.9	51.1	65.5	76.8	79.6	83.8	88.8	89.6	92.4	93.0	93.2	93.6	94.8	94.8	95.0
IVM 400	35.5	45.9	51.1	65.5	76.8	79.6	83.8	88.8	89.6	92.4	93.0	93.2	93.6	94.8	94.8	95.0
IVM 300	35.5	45.9	51.1	65.5	76.8	79.6	84.0	89.0	90.4	93.4	94.0	94.4	94.8	96.0	96.0	96.2
IVM 200	35.5	45.9	51.1	65.5	76.8	79.6	84.0	89.0	90.4	93.4	94.0	94.4	95.2	97.6	97.6	97.8
IVM 100	35.5	45.9	51.1	65.5	76.8	79.6	84.0	89.0	90.4	93.4	94.0	94.4	95.2	97.6	97.6	97.8
IVM 0	35.5	45.9	51.1	65.5	76.8	79.6	84.0	89.0	90.4	93.4	94.0	94.4	95.2	97.6	97.6	97.8

TOTAL NUMBER OF OBSERVATIONS 521

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	6.9	8.6	9.8	13.4	14.8	15.1	16.5	17.4	17.7	18.2	18.4	18.5	18.6	19.1	19.3	19.4
≥ 20000	7.8	10.2	11.7	15.7	17.2	17.6	19.0	20.1	20.5	21.0	21.3	21.3	21.5	21.9	22.1	22.3
≥ 18000	8.0	10.4	11.9	16.3	17.8	18.2	19.7	20.8	21.1	21.7	21.9	21.9	22.1	22.5	22.7	23.0
≥ 16000	8.0	10.4	11.9	16.3	17.8	18.2	19.7	20.6	21.1	21.7	21.9	21.9	22.1	22.5	22.7	23.0
≥ 14000	8.0	10.5	11.9	16.4	17.8	18.2	19.7	20.8	21.1	21.7	21.9	21.9	22.1	22.6	22.8	23.0
≥ 12000	8.3	10.9	12.4	16.6	18.3	18.7	20.1	21.3	21.6	22.2	22.4	22.4	22.6	23.0	23.2	23.4
≥ 10000	8.9	11.7	13.2	17.8	19.3	19.7	21.1	22.3	22.6	23.2	23.4	23.4	23.6	24.1	24.3	24.5
≥ 9000	9.3	12.1	13.6	18.3	19.8	20.2	21.7	22.8	23.1	23.8	24.0	24.0	24.2	24.6	24.8	25.0
≥ 8000	11.5	14.8	16.6	21.8	23.6	24.1	25.8	27.1	27.4	28.1	28.3	28.4	28.5	29.0	29.2	29.4
≥ 7000	12.2	15.6	17.4	22.7	24.8	25.3	27.0	28.3	28.6	29.3	29.5	29.6	29.8	30.3	30.5	30.7
≥ 6000	12.4	15.7	17.6	22.8	24.9	25.5	27.2	28.5	28.8	29.5	29.7	29.8	29.9	30.5	30.7	30.9
≥ 5000	13.9	17.5	19.4	25.0	27.2	27.8	29.6	30.9	31.2	31.9	32.2	32.2	32.4	32.9	33.1	33.3
≥ 4500	15.2	19.0	21.0	26.9	29.1	29.8	31.6	32.9	33.2	33.9	34.1	34.2	34.3	34.9	35.1	35.3
≥ 4000	17.3	21.6	23.8	30.6	33.4	34.0	35.8	37.3	37.6	38.3	38.5	38.6	38.8	39.3	39.5	39.7
≥ 3500	20.0	24.6	26.9	34.3	37.6	38.5	40.5	42.0	42.3	43.1	43.4	43.4	43.6	44.2	44.4	44.6
≥ 3000	24.3	29.9	32.5	41.1	45.5	46.6	49.1	50.7	51.1	52.3	52.5	52.6	52.7	53.4	53.7	53.9
≥ 2500	26.5	32.8	35.7	44.9	49.8	51.3	53.8	55.5	56.0	57.2	57.4	57.5	57.6	58.4	58.6	58.8
≥ 2000	30.9	38.2	41.9	52.7	58.9	60.7	63.9	65.8	66.7	68.2	68.5	68.6	68.8	69.6	69.9	70.1
≥ 1800	31.6	39.2	43.1	54.3	60.5	62.3	65.7	67.7	68.7	70.2	70.6	70.7	71.0	71.8	72.0	72.2
≥ 1500	33.5	41.6	45.6	58.0	64.9	66.9	70.6	73.0	74.1	75.8	76.1	76.2	76.5	77.4	77.6	77.8
≥ 1200	35.5	44.2	48.4	61.7	69.3	71.5	75.9	78.5	79.9	81.8	82.3	82.4	82.8	83.8	84.1	84.3
≥ 1000	36.0	44.9	49.2	62.9	71.0	73.5	78.1	80.9	82.4	84.4	84.9	85.0	85.5	86.5	86.8	87.0
≥ 900	36.0	44.9	49.2	63.2	71.6	74.1	79.0	81.8	83.3	85.5	86.0	86.1	86.6	87.6	88.0	88.2
≥ 800	36.0	44.9	49.4	63.5	72.0	74.5	79.6	82.6	84.3	86.7	87.2	87.4	87.9	89.0	89.3	89.6
≥ 700	36.0	44.9	49.4	63.6	72.2	74.7	79.9	83.1	85.0	87.6	88.1	88.3	89.0	90.1	90.5	90.7
≥ 600	36.0	44.9	49.4	63.6	72.3	74.8	80.1	83.4	85.3	88.1	88.7	88.9	89.6	90.9	91.2	91.5
≥ 500	36.0	44.9	49.4	63.6	72.3	74.8	80.2	83.6	85.9	88.9	89.6	89.9	90.8	92.0	92.4	92.7
≥ 400	36.0	44.9	49.4	63.6	72.3	74.8	80.3	83.9	86.4	89.8	90.5	90.8	91.9	93.4	93.9	94.3
≥ 300	36.0	44.9	49.4	63.6	72.3	74.8	80.3	84.0	86.6	90.3	91.0	91.4	92.4	94.3	95.1	95.7
≥ 200	36.0	44.9	49.4	63.6	72.3	74.8	80.3	84.0	86.6	90.3	91.0	91.5	92.7	95.5	96.7	98.4
≥ 100	36.0	44.9	49.4	63.6	72.3	74.8	80.3	84.0	86.7	90.5	91.1	91.6	92.8	95.8	97.4	99.8
≥ 0	36.0	44.9	49.4	63.6	72.3	74.8	80.3	84.0	86.7	90.5	91.1	91.6	92.8	95.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

105335
STATION

FINTHEN AAF, DL
STATION NAME

73, 75-79
YEARS

FFP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-2500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥0		
NO CEILING	13.2	21.6	22.1	26.5	27.9	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	30.9	30.9	30.9	30.9
≥ 20000	14.7	22.1	23.5	27.9	29.4	30.9	30.9	32.4	32.4	32.4	32.4	32.4	32.4	33.8	33.8	33.8	33.8
18000	14.7	22.1	23.5	27.9	29.4	30.9	30.9	32.4	32.4	32.4	32.4	32.4	32.4	33.8	33.8	33.8	33.8
16000	14.7	22.1	23.5	27.9	29.4	30.9	30.9	32.4	32.4	32.4	32.4	32.4	32.4	33.8	33.8	33.8	33.8
14000	14.7	22.1	23.5	27.9	29.4	30.9	30.9	32.4	32.4	32.4	32.4	32.4	32.4	33.8	33.8	33.8	33.8
12000	14.7	22.1	23.5	27.9	29.4	30.9	30.9	32.4	32.4	32.4	32.4	32.4	32.4	33.8	33.8	33.8	33.8
10000	16.2	23.5	25.0	29.4	30.9	33.8	33.8	35.3	35.3	35.3	35.3	35.3	35.3	36.8	36.8	36.8	36.8
9000	16.2	23.5	25.0	29.4	30.9	33.8	33.8	35.3	35.3	35.3	35.3	35.3	35.3	36.8	36.8	36.8	36.8
8000	16.2	23.5	25.0	29.4	30.9	33.8	33.8	35.3	35.3	35.3	35.3	35.3	35.3	36.8	36.8	36.8	36.8
7000	16.2	23.5	25.0	29.4	30.9	33.8	33.8	35.3	35.3	35.3	35.3	35.3	35.3	36.8	36.8	36.8	36.8
6000	16.2	23.5	25.0	29.4	30.9	33.8	33.8	35.3	35.3	35.3	35.3	35.3	35.3	36.8	36.8	36.8	36.8
5000	16.2	23.5	25.0	29.4	30.9	33.8	33.8	35.3	35.3	35.3	35.3	35.3	35.3	36.8	36.8	36.8	36.8
4500	16.2	23.5	25.0	29.4	30.9	33.8	33.8	35.3	35.3	35.3	35.3	35.3	35.3	36.8	36.8	36.8	36.8
4000	19.1	26.5	27.9	32.4	35.3	38.2	38.2	39.7	39.7	41.2	41.2	41.2	42.6	42.6	42.6	42.6	42.6
3500	23.5	33.8	35.3	39.7	42.6	45.6	45.6	47.1	47.1	48.5	48.5	48.5	50.0	50.0	50.0	50.0	50.0
3000	25.0	36.8	38.2	42.6	45.6	48.5	48.5	50.0	50.0	51.5	51.5	51.5	52.9	52.9	52.9	52.9	52.9
2500	26.5	39.7	41.2	45.6	48.5	51.5	51.5	52.9	52.9	54.4	54.4	54.4	55.9	55.9	55.9	55.9	55.9
2000	35.3	50.0	51.5	55.9	58.8	61.8	61.8	64.7	64.7	66.2	66.2	66.2	67.6	67.6	67.6	67.6	67.6
1800	35.3	50.0	51.5	57.4	60.3	63.2	63.2	66.2	66.2	67.6	67.6	67.6	69.1	69.1	69.1	69.1	69.1
1500	35.3	50.0	51.5	61.8	64.7	67.6	67.6	70.6	70.6	72.1	72.1	72.1	73.5	73.5	73.5	73.5	73.5
1200	35.3	50.0	51.5	63.2	66.2	69.1	69.1	72.1	72.1	73.5	73.5	73.5	75.0	75.0	75.0	75.0	75.0
1000	35.3	50.0	51.5	63.2	66.2	69.1	69.1	72.1	72.1	73.5	73.5	73.5	75.0	75.0	75.0	75.0	75.0
900	35.3	50.0	51.5	63.2	66.2	69.1	69.1	72.1	72.1	73.5	73.5	73.5	75.0	75.0	75.0	75.0	75.0
800	35.3	50.0	51.5	63.2	66.2	69.1	69.1	72.1	72.1	73.5	73.5	73.5	75.0	75.0	75.0	75.0	75.0
700	35.3	50.0	51.5	64.7	67.6	70.6	70.6	73.5	73.5	75.0	75.0	75.0	77.9	77.9	77.9	77.9	77.9
600	35.3	50.0	51.5	64.7	67.6	70.6	70.6	73.5	73.5	75.0	75.0	75.0	77.9	77.9	77.9	77.9	77.9
500	35.3	50.0	51.5	64.7	67.6	70.6	70.6	73.5	73.5	75.0	75.0	75.0	77.9	77.9	77.9	77.9	77.9
400	35.3	50.0	51.5	64.7	67.6	70.6	70.6	73.5	73.5	75.0	75.0	75.0	77.9	77.9	77.9	77.9	77.9
300	35.3	50.0	51.5	64.7	67.6	70.6	70.6	73.5	73.5	75.0	75.0	75.0	77.9	77.9	77.9	77.9	77.9
200	35.3	50.0	51.5	64.7	67.6	70.6	70.6	73.5	73.5	75.0	75.0	75.0	77.9	77.9	77.9	77.9	77.9
100	35.3	50.0	51.5	64.7	67.6	70.6	70.6	73.5	73.5	75.0	75.0	75.0	77.9	77.9	77.9	77.9	77.9
0	35.3	50.0	51.5	64.7	67.6	70.6	70.6	73.5	73.5	75.0	75.0	75.0	77.9	77.9	77.9	77.9	77.9

TOTAL NUMBER OF OBSERVATIONS 68

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335
STATION

FINTHEN AAF, OL
STATION NAME

73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	8.4	13.9	17.1	22.3	24.1	25.1	26.5	26.7	27.3	28.1	28.3	28.3	29.1	29.1	29.1	29.5
≥ 20000	9.2	15.7	18.9	24.5	26.3	27.5	28.9	29.5	30.3	31.1	31.3	31.3	32.3	32.3	32.3	32.7
IV 18000	9.2	15.7	18.9	24.5	26.3	27.5	28.9	29.5	30.3	31.1	31.3	31.3	32.3	32.3	32.3	32.7
IV 6000	9.2	15.7	18.9	24.5	26.3	27.5	28.9	29.5	30.3	31.1	31.3	31.3	32.3	32.3	32.3	32.7
IV 4000	9.2	15.7	18.9	24.5	26.3	27.5	28.9	29.5	30.3	31.1	31.3	31.3	32.3	32.3	32.3	32.7
IV 12000	9.4	15.9	19.1	24.7	26.5	27.7	29.1	29.7	30.5	31.3	31.5	31.5	32.5	32.5	32.5	32.9
IV 10000	9.8	16.3	19.5	25.3	27.1	28.5	29.9	30.5	31.3	32.1	32.3	32.3	33.3	33.3	33.3	33.7
IV 9000	9.8	16.3	19.5	25.5	27.3	28.7	30.1	30.7	31.5	32.3	32.5	32.5	33.5	33.5	33.5	33.9
IV 8000	11.2	17.7	20.9	27.5	29.3	30.7	32.1	32.7	33.5	34.3	34.5	34.5	35.5	35.5	35.5	35.9
IV 7000	11.6	18.3	21.5	28.5	30.3	31.7	33.1	33.7	34.5	35.3	35.7	35.7	36.7	36.7	36.7	37.1
IV 6000	11.6	18.5	21.7	28.7	30.9	32.5	33.9	34.5	35.3	36.3	36.5	36.5	37.5	37.6	37.6	38.2
IV 5000	11.5	18.7	21.9	29.5	31.7	33.3	35.1	35.7	36.5	37.5	37.6	37.6	38.6	38.8	38.8	39.4
IV 4500	12.4	19.7	22.9	30.5	32.9	34.5	36.3	36.9	37.6	38.8	39.0	39.0	40.0	40.6	40.6	41.2
IV 4000	12.9	20.9	24.7	32.7	35.1	36.7	38.4	39.0	39.8	41.0	41.2	41.2	42.2	42.8	42.8	43.4
IV 3500	15.1	24.9	29.7	36.7	39.4	41.0	42.8	43.4	44.2	45.4	45.6	45.6	46.6	47.2	47.2	47.8
IV 3000	18.9	29.7	33.7	42.8	46.0	47.8	50.2	51.4	52.4	53.8	54.0	54.0	55.0	55.6	55.6	56.2
IV 2500	19.7	32.1	36.3	45.6	49.2	51.6	54.4	56.0	57.0	58.4	58.5	58.6	59.6	60.2	60.2	60.8
IV 2000	24.3	37.6	42.6	53.0	57.4	60.2	63.7	65.5	66.5	68.7	69.1	69.1	70.1	71.1	71.3	71.9
IV 1800	24.3	38.2	43.4	54.0	58.4	61.2	64.7	66.5	67.5	69.7	70.1	70.1	71.1	72.5	72.7	73.3
IV 1500	24.9	38.8	44.4	57.0	61.8	64.9	68.5	70.5	71.5	73.7	74.1	74.1	75.1	76.5	76.7	77.5
IV 1200	25.3	39.2	45.2	58.2	64.5	67.9	72.1	74.1	75.1	77.3	77.7	77.7	78.7	80.5	80.9	81.7
IV 1000	25.3	39.2	45.4	58.8	65.3	68.7	72.9	75.1	76.3	78.9	79.3	79.7	80.7	82.5	82.9	83.7
IV 900	25.3	39.2	45.8	59.2	65.9	69.5	74.3	76.5	77.7	80.3	80.7	81.1	82.1	83.9	84.3	85.1
IV 800	25.3	39.2	45.8	59.2	66.3	70.1	75.1	77.5	78.7	81.3	81.7	82.1	83.3	85.3	85.7	86.5
IV 700	25.3	39.2	45.8	59.4	66.5	70.3	75.3	77.9	79.1	81.7	82.1	82.5	83.7	85.7	86.1	86.9
IV 600	25.3	39.2	45.8	59.4	66.5	70.3	76.1	78.7	79.9	82.7	83.1	83.5	84.7	86.9	87.3	88.0
IV 500	25.3	39.2	45.8	59.6	66.7	70.5	76.3	78.9	80.3	83.3	83.7	84.1	85.3	87.6	88.2	89.2
IV 400	25.3	39.2	45.8	59.6	66.7	70.5	76.3	79.1	80.5	84.1	84.5	84.9	86.3	89.8	90.2	91.2
IV 300	25.3	39.2	45.8	59.6	66.7	70.5	76.3	79.1	80.7	84.7	85.1	85.7	87.3	91.0	91.4	92.6
IV 200	25.3	39.2	45.8	59.6	66.7	70.5	76.3	79.1	80.7	84.9	85.3	85.9	87.5	91.8	92.2	94.2
IV 100	25.3	39.2	45.8	59.6	66.7	70.5	76.3	79.1	80.7	84.9	85.3	85.9	87.6	92.8	94.2	95.0
IV 0	25.3	39.2	45.8	59.6	66.7	70.5	76.3	79.1	80.7	84.9	85.3	85.9	87.6	92.8	94.2	95.0

TOTAL NUMBER OF OBSERVATIONS 502

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14335 FINTHEN AAF, DL

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0920-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	5.1	11.1	12.5	17.5	21.8	21.6	23.5	24.1	25.3	26.1	26.3	26.7	26.7	27.2	27.4	27.6
≥ 20000	6.3	13.6	15.0	20.4	23.9	24.9	26.8	27.4	28.6	29.6	29.8	30.2	30.2	30.7	30.9	31.3
≥ 18000	6.3	13.6	15.0	20.4	23.9	24.9	26.8	27.4	28.6	29.6	29.8	30.2	30.2	30.7	30.9	31.3
≥ 16000	6.3	13.6	15.0	20.4	23.9	24.9	26.8	27.4	28.6	29.6	29.8	30.2	30.2	30.7	30.9	31.3
≥ 14000	6.3	13.6	15.0	20.6	24.1	25.1	27.0	27.6	28.8	29.8	30.0	30.4	30.4	30.9	31.1	31.5
≥ 12000	6.3	13.6	15.0	20.6	24.1	25.1	27.0	27.6	28.8	29.8	30.0	30.4	30.4	30.9	31.1	31.5
≥ 10000	7.4	14.4	16.1	22.2	25.9	26.8	29.0	29.6	30.7	31.7	31.9	32.3	32.5	33.1	33.3	33.7
≥ 9000	7.6	14.6	16.1	22.4	26.1	27.0	29.2	29.8	30.9	31.9	32.1	32.5	32.7	33.3	33.5	33.9
≥ 8000	8.2	15.4	17.7	24.5	28.6	29.6	32.1	32.7	33.9	34.8	35.0	35.4	35.6	36.2	36.4	36.8
≥ 7000	8.2	16.0	18.5	25.7	29.8	30.9	33.3	33.9	35.4	36.4	36.6	37.0	37.2	37.7	37.9	38.3
≥ 6000	9.2	16.0	18.5	25.7	30.0	31.5	34.0	34.6	36.2	37.2	37.4	37.7	37.9	38.5	38.7	39.1
≥ 5000	8.4	16.1	18.7	26.1	30.4	31.9	35.0	35.6	37.2	38.1	38.3	38.7	38.9	39.5	39.7	40.1
≥ 4500	9.3	17.7	20.2	27.6	32.1	33.7	36.8	37.4	38.9	40.1	40.3	40.7	40.9	41.6	41.8	42.2
≥ 4000	10.7	19.8	23.5	31.7	36.2	37.7	40.9	41.4	43.0	44.2	44.4	44.7	44.9	45.7	45.9	46.3
≥ 3500	11.4	21.8	25.5	33.9	38.5	40.1	43.2	43.8	45.3	46.5	46.7	47.1	47.3	48.1	48.2	48.8
≥ 3000	16.3	27.4	31.5	40.9	46.1	48.1	51.6	52.3	54.1	56.0	56.2	56.8	57.0	58.0	58.2	58.8
≥ 2500	16.5	28.8	32.9	43.0	48.6	50.8	54.9	55.6	57.4	59.9	60.1	60.7	61.1	62.1	62.3	62.8
≥ 2000	20.4	33.5	38.3	50.0	56.6	59.1	64.2	65.4	67.3	70.0	70.2	70.8	71.4	72.6	72.8	73.3
≥ 1800	20.4	33.9	39.1	51.2	57.8	60.3	65.4	66.5	68.5	71.2	71.4	72.0	72.6	73.7	73.9	74.5
≥ 1500	21.0	34.8	40.3	54.3	62.1	64.6	70.2	71.4	73.3	76.1	76.3	76.8	77.4	78.6	78.8	79.4
≥ 1200	21.2	35.2	41.1	55.8	64.2	67.1	73.2	74.3	76.3	79.0	79.2	79.8	80.4	81.7	81.9	82.9
≥ 1000	21.4	35.6	41.4	56.6	65.6	69.3	75.7	77.2	79.2	82.3	82.5	83.1	83.7	85.0	85.2	86.2
≥ 900	21.4	35.6	41.4	56.6	66.1	69.8	76.7	78.6	80.7	84.0	84.2	84.8	85.4	86.8	87.0	87.9
≥ 800	21.4	35.6	41.4	56.6	66.1	69.8	76.8	79.2	81.3	84.6	84.8	85.4	86.0	87.4	87.5	88.5
≥ 700	21.4	35.6	41.4	56.6	66.1	69.8	77.0	79.4	81.5	84.8	85.0	85.8	86.8	88.3	88.5	89.5
≥ 600	21.4	35.6	41.4	56.6	66.5	70.2	77.4	80.0	82.1	85.4	85.6	86.4	87.4	88.9	89.1	90.1
≥ 500	21.4	35.6	41.4	56.6	66.5	70.2	77.4	80.0	82.1	85.6	85.8	86.8	87.9	89.7	90.1	91.2
≥ 400	21.4	35.6	41.4	56.6	66.5	70.2	77.6	80.2	82.3	86.0	86.4	87.4	88.5	90.7	91.1	92.2
≥ 300	21.4	35.6	41.4	56.6	66.5	70.2	77.6	80.2	82.3	86.0	86.4	87.4	88.7	91.2	91.6	92.8
≥ 200	21.4	35.6	41.4	56.6	66.5	70.2	77.6	80.2	82.7	86.6	87.0	87.9	89.7	93.2	93.6	96.9
≥ 100	21.4	35.6	41.4	56.6	66.5	70.2	77.6	80.2	82.7	86.6	87.0	87.9	89.9	93.6	94.0	99.2
≥ 0	21.4	35.6	41.4	56.6	66.5	70.2	77.6	80.2	82.7	86.6	87.0	87.9	89.9	93.6	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 514

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11335 FINTHEN AAF, DL

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS - DST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0
NO CEILING	7.0	12.5	14.5	20.5	24.0	24.2	24.8	26.0	27.1	27.9	29.3	28.3	28.7	28.7	28.7	28.7
≥ 20000	5.8	15.4	17.4	24.0	27.5	27.9	28.7	29.9	31.3	31.6	32.2	32.2	32.8	32.8	32.8	33.0
≥ 18000	8.8	15.4	17.4	24.0	27.5	27.9	28.7	29.9	31.1	31.8	32.2	32.2	32.8	32.8	32.8	33.0
≥ 16000	8.8	15.4	17.4	24.0	27.5	27.9	28.7	29.9	31.1	31.8	32.2	32.2	32.8	32.8	32.8	33.0
≥ 14000	9.2	15.8	17.8	24.4	27.9	28.3	29.1	30.3	31.4	32.2	32.6	32.6	33.2	33.2	33.2	33.4
≥ 12000	9.4	16.4	18.4	25.0	28.5	28.9	29.7	30.9	32.0	32.8	33.2	33.2	33.8	33.8	33.8	34.0
≥ 10000	10.2	17.4	19.9	27.3	31.3	31.6	32.8	34.0	35.2	35.9	36.3	36.3	36.9	36.9	36.9	37.1
≥ 9000	10.2	17.4	19.9	27.3	31.3	31.6	32.8	34.0	35.2	35.9	36.3	36.3	36.9	36.9	36.9	37.1
≥ 8000	11.3	18.9	21.9	29.5	33.8	34.2	35.4	36.7	37.9	38.7	39.1	39.1	39.8	39.8	39.8	40.0
≥ 7000	11.9	19.5	22.5	30.5	34.8	35.4	36.9	38.3	39.8	40.6	41.0	41.0	41.8	41.8	41.8	42.0
≥ 6000	11.9	19.5	22.5	30.9	35.4	35.9	37.5	39.1	40.6	41.4	41.8	41.8	42.6	42.6	42.6	42.8
≥ 5000	12.5	20.7	23.6	32.4	37.1	37.7	39.3	40.8	42.4	43.6	43.9	43.9	44.7	44.7	44.7	44.9
≥ 4500	12.5	21.1	24.0	32.8	37.5	38.1	39.8	41.6	43.2	44.3	44.7	44.7	45.5	45.5	45.5	45.7
≥ 4000	14.8	23.8	27.1	37.7	43.0	43.6	45.5	47.3	48.8	50.0	50.4	50.4	51.2	51.2	51.2	51.4
≥ 3500	16.2	27.3	30.5	41.8	47.1	47.7	49.6	51.4	52.9	54.1	54.5	54.5	55.3	55.3	55.3	55.5
≥ 3000	20.9	32.2	36.5	49.0	55.1	56.1	59.4	61.1	62.7	64.3	64.6	64.6	65.4	65.6	65.6	65.8
≥ 2500	21.9	33.4	37.7	51.4	57.8	58.6	62.1	64.8	66.4	68.2	68.6	68.6	69.5	69.7	69.7	69.9
≥ 2000	25.6	37.9	42.4	57.0	63.9	65.0	68.4	71.1	72.9	74.6	75.4	75.4	76.8	77.1	77.1	77.3
≥ 1800	25.6	38.7	43.4	58.6	65.4	66.6	70.1	72.9	74.6	76.4	77.1	77.1	78.5	78.9	78.9	79.1
≥ 1500	26.9	39.8	44.5	61.7	69.9	71.3	74.8	77.7	79.5	81.6	82.4	82.4	83.8	84.2	84.2	84.4
≥ 1200	27.3	41.0	45.9	63.7	72.9	74.6	79.1	82.0	83.8	86.1	87.1	87.1	88.5	88.9	88.9	89.1
≥ 1000	27.5	41.2	46.5	64.5	75.4	77.3	82.0	85.4	87.1	89.8	90.8	90.8	92.2	92.6	92.6	92.8
≥ 900	27.5	41.2	46.5	64.5	75.4	77.3	82.2	85.5	87.3	90.2	91.2	91.2	92.6	93.0	93.0	93.2
≥ 800	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.1	87.9	90.8	91.8	91.8	93.2	93.6	93.6	93.8
≥ 700	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.1	88.1	91.0	92.0	92.0	93.4	93.8	93.8	93.9
≥ 600	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.3	88.5	91.6	92.6	92.6	93.9	94.3	94.3	94.5
≥ 500	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.3	88.5	92.2	93.2	93.2	94.5	95.1	95.1	95.3
≥ 400	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.3	88.7	92.8	93.8	93.9	95.3	96.3	96.3	96.5
≥ 300	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.3	88.7	92.8	93.8	93.9	95.5	96.9	97.7	98.2
≥ 200	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.3	88.7	92.8	93.8	93.9	95.7	97.1	97.9	98.8
≥ 100	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.3	88.7	92.8	93.8	93.9	95.7	97.1	97.9	100.0
≥ 0	27.5	41.2	46.5	64.5	75.4	77.3	82.2	86.3	88.7	92.8	93.8	93.9	95.7	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 512

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
OURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	10.3	17.7	18.0	23.5	26.4	27.2	28.9	28.9	29.3	29.5	29.7	29.9	30.1	30.1	30.1	30.1
≥ 20000	13.2	20.8	21.7	27.2	30.1	30.9	33.2	33.2	34.0	34.2	34.4	34.6	34.8	34.8	34.8	34.8
≥ 18000	13.2	21.0	21.9	27.6	30.5	31.3	33.6	33.6	34.4	34.6	34.8	35.0	35.1	35.1	35.1	35.1
≥ 16000	13.2	21.0	21.9	27.6	30.5	31.3	33.6	33.6	34.4	34.6	34.8	35.0	35.1	35.1	35.1	35.1
≥ 14000	13.2	21.2	22.1	27.8	30.7	31.5	33.8	33.8	34.6	34.8	35.0	35.1	35.3	35.3	35.3	35.3
≥ 12000	14.6	23.1	24.1	29.9	32.8	33.6	35.9	35.9	36.7	36.9	37.1	37.3	37.5	37.5	37.5	37.5
≥ 10000	16.5	25.2	26.4	33.2	36.7	37.5	40.2	40.4	41.2	41.4	41.6	41.7	41.9	41.9	41.9	41.9
≥ 9000	16.9	25.6	26.8	33.8	37.3	38.6	41.4	41.6	42.3	42.5	42.7	42.9	43.1	43.1	43.1	43.1
≥ 8000	18.6	28.0	29.5	37.5	41.2	42.7	45.8	46.0	47.0	47.2	47.4	47.6	47.8	47.8	47.8	47.8
≥ 7000	19.9	29.1	30.7	38.8	42.5	44.1	47.2	47.4	48.3	48.5	48.7	48.9	49.1	49.1	49.1	49.1
≥ 6000	19.8	29.1	30.7	38.8	42.5	44.1	47.2	47.4	48.3	48.5	48.7	48.9	49.1	49.1	49.1	49.1
≥ 5000	20.7	29.3	30.9	39.4	43.3	44.9	48.0	48.2	49.1	49.3	49.5	49.7	49.9	49.9	49.9	49.9
≥ 4500	20.4	30.1	31.7	40.2	44.1	45.6	48.7	48.9	49.9	50.1	50.3	50.5	50.7	50.7	50.7	50.7
≥ 4000	22.7	32.6	35.3	44.1	48.3	49.9	53.0	53.2	54.2	54.4	54.6	54.8	55.0	55.1	55.1	55.1
≥ 3500	24.9	35.7	38.4	47.6	52.0	53.8	57.1	57.3	58.3	58.4	58.6	58.8	59.0	59.2	59.2	59.2
≥ 3000	29.7	41.2	45.0	55.9	61.0	62.7	66.0	66.2	67.4	67.8	68.3	68.5	68.7	68.9	68.9	68.9
≥ 2500	31.1	43.7	47.6	59.4	65.0	67.0	70.3	71.1	72.2	73.2	73.8	74.0	74.2	74.4	74.4	74.4
≥ 2000	33.4	46.2	52.4	65.6	72.8	74.8	78.4	79.4	81.4	82.3	82.9	83.1	83.5	83.7	83.7	83.7
≥ 1800	33.4	46.3	53.2	67.2	74.6	76.5	80.2	81.2	83.1	84.1	84.7	84.9	85.2	85.4	85.4	85.4
≥ 1500	33.8	48.9	53.8	69.3	77.3	80.0	84.3	85.2	87.4	88.3	88.9	89.1	89.5	89.7	89.7	89.7
≥ 1200	33.3	49.3	54.2	70.1	79.2	82.1	87.0	88.2	90.5	91.8	92.4	92.6	93.0	93.2	93.2	93.2
≥ 1000	33.4	49.3	54.4	70.7	80.0	83.1	88.3	89.5	92.0	93.6	94.2	94.4	94.8	95.0	95.0	95.0
≥ 900	33.8	49.3	54.4	70.7	80.0	83.1	88.5	89.7	92.2	93.8	94.4	94.6	95.0	95.1	95.1	95.1
≥ 800	33.8	49.3	54.4	70.7	80.0	83.1	88.5	89.7	92.6	94.4	95.0	95.1	95.5	95.7	95.7	95.7
≥ 700	33.8	49.3	54.4	70.7	80.0	83.3	88.7	89.9	92.8	94.6	95.1	95.3	95.7	95.9	95.9	95.9
≥ 600	33.8	49.3	54.4	70.7	80.0	83.3	88.7	89.9	92.8	94.6	95.1	95.3	95.7	95.9	95.9	95.9
≥ 500	33.8	49.3	54.4	70.7	80.0	83.3	88.7	89.9	92.8	94.6	95.1	95.3	95.7	95.9	95.9	95.9
≥ 400	33.8	49.3	54.4	70.7	80.0	83.3	88.7	89.9	92.8	94.6	95.1	95.3	95.9	96.7	96.7	96.7
≥ 300	33.8	49.3	54.4	70.7	80.0	83.3	88.7	89.9	92.8	95.0	95.5	95.7	96.3	97.7	97.7	97.7
≥ 200	33.8	49.3	54.4	70.7	80.0	83.3	88.9	90.1	93.0	95.1	95.7	95.9	96.7	98.6	99.2	99.2
≥ 100	33.8	49.3	54.4	70.7	80.0	83.3	88.9	90.1	93.0	95.1	95.7	95.9	96.7	98.6	99.2	100.0
≥ 0	33.8	49.3	54.4	70.7	80.0	83.3	88.9	90.1	93.0	95.1	95.7	95.9	96.7	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 515

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10335 FINTHEN AAF, DL

73-81

FEA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	12.9	19.9	20.1	25.4	26.5	27.4	27.1	30.2	30.2	30.2	30.4	30.4	30.6	30.9	30.9	30.9
≥20000	15.1	23.0	23.9	29.5	30.9	31.7	33.5	34.6	34.6	34.6	34.8	34.8	35.0	35.2	35.2	35.2
≥18000	15.1	23.0	24.1	30.2	31.5	32.4	34.1	35.2	35.2	35.2	35.4	35.4	35.7	35.9	35.9	35.9
≥16000	15.1	23.0	24.1	30.2	31.5	32.4	34.1	35.2	35.2	35.2	35.4	35.4	35.7	35.9	35.9	35.9
≥14000	15.1	23.2	24.3	31.4	31.7	32.6	34.4	35.4	35.4	35.4	35.7	35.7	35.9	36.1	36.1	36.1
≥12000	15.1	23.4	24.5	31.1	32.4	33.3	35.0	36.1	36.1	36.1	36.3	36.3	36.5	36.8	36.8	36.8
≥10000	16.4	25.4	26.7	33.5	35.7	36.5	38.3	39.4	39.4	39.4	39.6	39.6	39.8	40.0	40.0	40.0
≥9000	16.6	25.8	27.4	34.1	36.8	37.9	39.8	40.9	40.9	40.9	41.1	41.1	41.4	41.6	41.6	41.6
≥8000	19.0	29.5	31.1	38.7	41.6	42.7	44.6	46.0	46.0	46.8	47.0	47.0	47.5	47.7	47.7	47.7
≥7000	20.0	31.1	32.0	40.7	44.2	45.3	47.3	48.6	48.6	49.5	49.7	49.7	50.1	50.3	50.3	50.3
≥6000	20.6	31.1	32.6	40.7	44.2	45.3	47.3	48.6	48.6	49.5	49.7	49.7	50.1	50.3	50.3	50.3
≥5000	21.2	31.9	33.5	41.8	45.3	46.4	48.4	49.7	49.7	50.5	50.8	50.8	51.2	51.4	51.4	51.4
≥4500	21.4	32.4	33.9	42.5	46.2	47.3	49.2	50.5	50.5	51.4	51.6	51.6	52.1	52.3	52.3	52.3
≥4000	24.5	35.7	37.2	46.4	50.5	51.6	53.6	54.9	54.9	55.8	56.0	56.0	56.5	56.7	56.7	56.7
≥3500	25.7	38.5	40.3	49.7	54.3	55.4	57.3	58.6	58.6	59.5	59.7	59.7	60.2	60.4	60.4	60.4
≥3000	26.0	43.8	46.0	57.5	62.4	63.5	65.6	67.2	67.2	68.9	69.6	69.8	70.2	70.5	70.5	70.5
≥2500	30.2	45.1	47.7	60.6	66.7	67.8	70.0	72.0	72.0	74.4	75.1	75.3	75.7	75.9	75.9	75.9
≥2000	31.3	47.9	51.2	65.4	72.6	74.0	76.4	78.6	79.0	81.6	82.3	82.5	82.9	83.2	83.2	83.2
≥1800	31.3	48.1	52.1	66.3	74.4	75.7	78.1	80.3	80.7	83.6	84.2	84.5	84.9	85.1	85.1	85.1
≥1500	31.9	49.9	53.8	69.1	77.7	79.4	82.1	84.2	84.7	87.5	88.2	88.4	88.8	89.1	89.1	89.1
≥1200	32.2	50.3	54.7	70.9	80.1	81.6	84.9	87.1	88.4	91.2	91.9	92.1	92.6	92.8	92.8	92.8
≥1000	32.2	50.5	54.9	71.3	80.5	82.9	86.4	88.8	90.4	93.2	93.9	94.1	94.5	94.7	94.7	94.7
≥900	32.2	50.5	54.9	71.3	81.5	82.9	86.4	88.8	90.4	93.2	93.9	94.1	94.5	94.7	94.7	94.7
≥800	32.2	50.5	55.1	71.6	80.7	83.2	87.1	89.5	91.2	94.1	94.7	95.0	95.4	95.6	95.6	95.6
≥700	32.2	50.5	55.1	71.6	80.7	83.2	87.3	89.9	91.9	94.7	95.4	95.6	96.1	96.3	96.3	96.3
≥600	32.2	50.5	55.1	71.6	80.7	83.2	87.3	89.9	91.9	94.7	95.6	95.8	96.3	96.5	96.5	96.5
≥500	32.2	50.5	55.1	71.8	81.0	83.4	87.5	90.2	92.1	95.2	96.3	96.5	97.2	97.4	97.4	97.4
≥400	32.2	50.5	55.1	71.8	81.0	83.4	87.5	90.2	92.1	95.2	96.3	96.5	97.2	98.5	98.7	98.7
≥300	32.2	50.5	55.1	71.8	81.0	83.4	87.5	90.2	92.1	95.4	96.5	96.7	97.4	98.7	98.9	98.9
≥200	32.2	50.5	55.1	71.8	81.0	83.4	87.5	90.2	92.1	95.4	96.5	96.7	97.4	98.7	99.1	99.1
≥100	32.2	50.5	55.1	71.8	81.0	83.4	87.5	90.2	92.1	95.4	96.5	96.7	97.4	98.7	99.1	100.0
≥0	32.2	50.5	55.1	71.8	81.0	83.4	87.5	90.2	92.1	95.4	96.5	96.7	97.4	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 457

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335 FINTHEN AAF, DL STATION NAME

73-81 YEAR

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	5.9	15.1	16.6	21.9	24.4	25.2	26.6	27.2	27.9	28.3	28.6	28.7	29.0	29.2	29.2	29.4
≥ 20000	10.4	17.7	19.4	25.1	27.7	28.6	30.2	30.9	31.7	32.2	32.4	32.6	33.0	33.1	33.2	33.4
≥ 18000	10.4	17.4	19.5	25.3	27.9	28.8	30.4	31.1	31.9	32.4	32.6	32.7	33.2	33.3	33.4	33.6
≥ 16000	10.6	17.8	19.5	25.3	27.9	28.8	30.4	31.1	31.9	32.4	32.6	32.7	33.2	33.3	33.4	33.6
≥ 14000	10.7	17.9	19.6	25.5	28.1	29.0	30.6	31.3	32.0	32.6	32.8	32.9	33.4	33.5	33.6	33.8
≥ 12000	11.1	18.5	20.2	26.2	28.8	29.7	31.3	32.0	32.7	33.3	33.5	33.6	34.1	34.2	34.3	34.5
≥ 10000	12.1	19.7	21.7	28.2	31.2	32.2	34.0	34.7	35.5	36.0	36.3	36.4	36.8	37.0	37.0	37.2
≥ 9000	12.2	19.9	21.9	28.5	31.6	32.7	34.5	35.3	36.1	36.6	36.8	37.0	37.4	37.5	37.6	37.8
≥ 8000	13.6	21.8	24.1	31.3	34.7	35.8	37.8	38.6	39.4	40.1	40.3	40.5	41.0	41.2	41.2	41.4
≥ 7000	14.3	22.7	25.1	32.6	36.0	37.2	39.3	40.1	41.0	41.8	42.0	42.1	42.7	42.8	42.9	43.1
≥ 6000	14.3	22.7	25.1	32.7	36.3	37.7	39.7	40.6	41.5	42.3	42.5	42.6	43.2	43.4	43.4	43.7
≥ 5000	14.7	23.2	25.5	33.6	37.3	38.6	40.8	41.7	42.7	43.5	43.8	43.9	44.4	44.6	44.7	44.9
≥ 4500	15.1	24.0	26.4	34.4	38.2	39.6	41.9	42.8	43.7	44.7	44.9	45.0	45.6	45.9	45.9	46.1
≥ 4000	17.1	26.4	29.4	38.2	42.3	43.6	46.7	46.8	47.8	48.8	49.0	49.1	49.6	50.0	50.0	50.3
≥ 3500	18.3	29.5	32.6	41.7	46.0	47.4	49.8	50.7	51.6	52.6	52.8	52.9	53.5	53.8	53.9	54.1
≥ 3000	23.1	34.7	38.4	48.9	53.7	55.3	58.2	59.3	60.4	61.8	62.1	62.3	62.9	63.3	63.4	63.6
≥ 2500	23.3	36.5	41.3	51.7	57.1	58.8	61.9	63.5	64.8	66.4	66.7	66.9	67.6	68.0	69.0	68.3
≥ 2000	27.1	41.1	45.4	58.0	64.4	66.4	69.9	71.7	73.1	75.1	75.6	75.8	76.6	77.2	77.3	77.6
≥ 1800	27.1	41.5	46.3	59.3	65.8	67.8	71.4	73.2	74.6	76.6	77.1	77.3	78.1	78.8	79.9	79.2
≥ 1500	27.8	42.5	47.4	62.1	69.5	71.8	75.7	77.5	79.0	81.1	81.6	81.8	82.6	83.3	83.4	83.7
≥ 1200	28.1	43.1	48.2	63.6	71.9	74.5	79.7	80.9	82.5	84.8	85.3	85.5	86.3	87.1	87.2	87.6
≥ 1000	28.2	43.2	48.5	64.2	73.1	76.1	80.8	83.0	84.7	87.3	87.8	88.1	88.9	89.7	89.8	90.2
≥ 900	28.2	43.2	48.6	64.3	73.3	76.4	81.4	83.6	85.4	88.0	88.6	88.8	89.6	90.4	90.6	91.0
≥ 800	28.2	43.2	48.6	64.3	73.4	76.5	81.7	84.2	86.1	88.7	89.3	89.5	90.3	91.2	91.4	91.7
≥ 700	28.2	43.2	48.6	64.4	73.5	76.6	81.9	84.5	86.4	89.1	89.6	90.0	90.9	91.8	91.9	92.3
≥ 600	28.2	43.2	48.6	64.4	73.6	76.7	82.2	84.8	86.6	89.6	90.1	90.5	91.4	92.3	92.5	92.9
≥ 500	28.2	43.2	48.6	64.5	73.6	76.8	82.3	84.9	87.1	90.0	90.6	90.9	91.9	93.0	93.2	93.7
≥ 400	28.2	43.2	48.6	64.5	73.6	76.8	82.3	85.0	87.1	90.3	91.0	91.4	92.5	94.2	94.5	95.0
≥ 300	28.2	43.2	48.6	64.5	73.6	76.8	82.3	85.0	87.1	90.5	91.2	91.6	92.9	94.9	95.4	96.0
≥ 200	28.2	43.2	48.6	64.5	73.6	76.8	82.4	85.0	87.3	90.8	91.5	91.9	93.3	95.8	96.4	97.7
≥ 100	28.2	43.2	48.6	64.5	73.6	76.8	82.4	85.0	87.3	90.8	91.5	91.9	93.4	96.1	96.8	99.8
≥ 0	28.2	43.2	48.6	64.5	73.6	76.6	82.4	85.0	87.3	90.8	91.5	91.9	93.4	96.1	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2568

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

106337 FINTHEN AFB, DL

73, 75-77, 81

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	
NO CEILING	22.4	31.6	31.6	38.2	38.2	38.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	40.8	40.8
≥ 2000	22.4	31.6	32.9	40.8	40.8	40.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	43.4	43.4
≥ 1800	22.4	31.6	32.9	40.8	40.8	40.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	43.4	43.4
≥ 1600	22.4	31.6	32.9	40.8	40.8	40.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	43.4	43.4
≥ 1400	22.4	31.6	32.9	40.8	40.8	40.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	43.4	43.4
≥ 1200	22.4	31.6	32.9	40.8	40.8	40.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	43.4	43.4
≥ 1000	22.4	31.6	32.9	42.1	42.1	42.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.7	44.7
≥ 900	22.4	31.6	32.9	42.1	42.1	42.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.7	44.7
≥ 800	25.7	35.5	36.8	46.1	46.1	46.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	48.7	48.7
≥ 750	25.7	35.5	36.8	46.1	46.1	46.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	48.7	48.7
≥ 600	27.6	38.2	39.5	48.7	48.7	48.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	51.3	51.3
≥ 500	30.3	42.1	43.4	53.9	53.9	53.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	57.9	57.9
≥ 450	31.6	43.4	44.7	56.6	57.9	57.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	60.5	60.5
≥ 400	31.6	46.1	47.4	59.2	60.5	60.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	63.2	63.2
≥ 350	32.9	50.0	53.9	65.8	68.4	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	71.1	71.1
≥ 300	34.2	51.3	55.3	68.4	71.1	71.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	73.7	73.7
≥ 250	35.5	55.3	59.2	73.7	77.6	77.6	78.9	78.9	80.3	80.3	80.3	80.3	80.3	80.3	81.6	82.9
≥ 200	36.8	56.6	60.5	76.3	80.3	80.3	81.6	81.6	82.9	82.9	82.9	82.9	82.9	82.9	84.2	85.5
≥ 150	38.2	57.9	61.8	77.6	82.9	82.9	84.2	84.2	85.5	85.5	85.5	85.5	85.5	85.5	86.8	88.2
≥ 100	39.5	59.2	63.2	80.3	85.5	85.5	86.8	86.8	88.2	88.2	88.2	88.2	88.2	88.2	89.5	90.8
≥ 80	39.5	60.5	64.5	84.2	89.5	89.5	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	93.4	94.7
≥ 60	39.5	60.5	64.5	84.2	89.5	89.5	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	93.4	94.7
≥ 40	39.5	60.5	64.5	84.2	89.5	89.5	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	93.4	94.7
≥ 20	39.5	60.5	64.5	84.2	89.5	89.5	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	93.4	94.7
≥ 10	39.5	60.5	64.5	84.2	89.5	89.5	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	93.4	94.7
≥ 5	39.5	60.5	64.5	84.2	89.5	89.5	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	93.4	94.7
≥ 2	39.5	60.5	64.5	84.2	89.5	89.5	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	93.4	94.7
≥ 1	39.5	60.5	64.5	84.2	89.5	89.5	90.8	90.8	92.1	92.1	92.1	92.1	92.1	92.1	93.4	94.7

TOTAL NUMBER OF OBSERVATIONS 76

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17335 FINTHEN AAF, DL

73-61

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

630-2800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	12.5	18.1	19.5	22.5	24.6	25.8	27.2	27.5	27.9	28.1	28.2	28.4	28.6	28.6	28.6	28.6
≥ 20000	13.7	20.5	22.1	26.1	29.1	30.5	32.5	32.8	33.2	33.2	33.3	33.5	33.7	33.7	33.9	33.9
≥ 18000	13.7	20.5	22.1	26.1	29.3	30.7	32.6	33.0	33.3	33.3	33.5	33.7	33.9	33.9	34.0	34.0
≥ 16000	13.7	20.5	22.1	26.1	29.3	30.7	32.6	33.0	33.3	33.3	33.5	33.7	33.9	33.9	34.0	34.0
≥ 14000	13.7	20.5	22.1	26.1	29.3	30.7	32.6	33.0	33.3	33.3	33.5	33.7	33.9	33.9	34.0	34.0
≥ 12000	13.7	20.7	22.3	26.7	29.8	31.2	33.3	33.7	34.0	34.0	34.2	34.4	34.6	34.6	34.7	34.7
≥ 10000	14.0	21.6	23.2	27.7	31.1	32.5	35.3	35.6	36.0	36.0	36.1	36.3	36.5	36.5	36.7	36.7
≥ 9000	14.2	21.9	23.5	28.1	31.8	33.2	36.0	36.3	36.7	36.7	36.9	37.0	37.2	37.2	37.4	37.4
≥ 8000	16.3	25.8	27.7	32.6	36.3	37.9	41.1	41.4	41.9	41.8	41.9	42.1	42.3	42.3	42.5	42.5
≥ 7000	17.4	27.0	28.9	34.4	38.0	40.0	43.3	43.9	44.2	44.2	44.4	44.6	44.7	44.7	44.9	44.9
≥ 6000	18.2	27.9	29.9	35.3	39.3	40.9	44.2	44.7	45.1	45.1	45.3	45.4	45.6	45.6	45.9	45.9
≥ 5000	18.2	28.8	30.7	36.8	41.4	43.0	46.3	46.8	47.4	47.4	47.7	48.2	48.4	48.4	48.6	48.6
≥ 4500	18.9	30.0	31.9	38.6	43.3	44.9	48.2	48.8	49.7	49.5	49.8	50.4	50.5	50.5	50.7	50.7
≥ 4000	21.2	33.9	35.8	42.8	47.9	49.6	53.0	53.5	54.0	54.6	54.9	55.4	55.6	55.6	55.9	55.9
≥ 3500	23.0	38.2	41.1	48.6	54.0	55.6	59.5	60.0	60.5	61.1	61.4	61.9	62.1	62.1	62.3	62.3
≥ 3000	26.7	42.6	45.9	55.8	61.6	63.3	68.4	69.3	69.8	70.4	70.7	71.2	71.4	71.4	71.6	71.6
≥ 2500	27.5	44.9	48.4	59.3	65.6	67.4	72.5	73.5	74.2	74.9	75.3	75.8	76.0	76.0	76.3	76.3
≥ 2000	31.1	50.0	53.5	65.4	72.1	73.9	79.3	81.1	81.9	82.6	83.0	83.5	83.7	83.7	84.0	84.0
≥ 1800	31.4	50.5	54.2	66.7	73.3	75.3	80.7	82.5	83.3	84.0	84.4	84.9	85.1	85.1	85.4	85.4
≥ 1500	32.5	51.9	56.3	70.2	77.4	79.3	84.7	86.7	87.7	88.6	88.9	89.5	89.6	89.6	90.0	90.0
≥ 1200	32.8	52.6	57.0	71.4	78.8	80.9	86.8	88.8	89.8	90.7	91.1	91.6	91.8	91.8	92.1	92.1
≥ 1000	33.1	52.8	57.2	71.8	79.3	81.6	87.5	89.5	90.5	91.4	91.9	92.6	92.8	92.8	93.3	93.3
≥ 900	33.0	52.8	57.2	71.9	79.6	81.9	87.9	89.8	90.9	91.9	92.6	93.3	93.5	93.5	94.0	94.0
≥ 800	33.2	53.0	57.4	72.3	80.2	82.5	88.4	90.4	91.4	92.6	93.3	94.0	94.4	94.4	94.9	94.9
≥ 700	33.2	53.0	57.4	72.3	80.2	82.5	88.4	90.4	91.6	93.0	93.7	94.4	94.7	94.7	95.3	95.3
≥ 600	33.2	53.0	57.4	72.3	80.2	82.5	88.4	90.5	91.9	93.5	94.2	94.9	95.3	95.4	96.0	96.0
≥ 500	33.2	53.0	57.4	72.3	80.5	82.8	89.1	91.2	92.6	94.2	94.9	95.6	96.0	96.1	96.7	96.7
≥ 400	33.2	53.0	57.4	72.3	80.5	82.8	89.1	91.2	92.8	94.4	95.1	95.8	96.1	97.0	97.5	97.5
≥ 300	33.2	53.0	57.4	72.3	80.5	82.8	89.1	91.2	93.0	95.1	95.8	96.5	96.8	97.7	98.2	98.6
≥ 200	33.2	53.0	57.4	72.3	80.5	82.8	89.1	91.2	93.0	95.1	95.8	96.5	96.8	97.9	98.4	99.1
≥ 100	33.2	53.0	57.4	72.3	80.5	82.8	89.1	91.2	93.0	95.1	95.8	96.5	97.0	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

570

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-61

MAE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0.01
NO CEILING	11.0	16.9	18.7	21.4	23.7	24.7	25.1	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥20000	13.4	20.3	21.4	24.9	26.1	29.3	30.8	31.9	32.7	32.4	32.4	32.7	32.7	32.7	32.7	32.9
≥18000	13.4	20.3	21.4	25.3	26.5	29.7	31.2	32.2	32.4	32.7	32.7	33.1	33.1	33.1	33.1	33.2
≥16000	13.4	20.3	21.4	25.3	26.5	29.7	31.2	32.2	32.4	32.7	32.7	33.1	33.1	33.1	33.1	33.2
≥14000	13.4	20.3	21.4	25.3	26.5	29.7	31.2	32.2	32.4	32.7	32.7	33.1	33.1	33.1	33.1	33.2
≥12000	13.4	20.7	21.7	25.9	29.2	30.3	31.9	32.9	33.1	33.4	33.4	33.7	33.7	33.7	33.7	33.9
≥10000	14.2	22.4	23.4	26.5	31.7	33.1	34.6	35.6	35.9	36.1	36.3	36.6	36.6	36.6	36.6	36.8
≥9000	15.1	23.4	24.6	29.7	32.9	34.7	36.4	37.8	38.7	38.3	38.5	38.8	38.8	38.8	38.8	39.0
≥8000	17.5	26.8	28.6	35.3	39.5	41.7	43.6	44.9	45.3	45.6	45.8	46.1	46.1	46.1	46.1	46.3
≥7000	19.1	28.1	30.0	37.1	41.4	43.6	45.6	46.9	47.3	47.5	47.8	48.1	48.1	48.1	48.1	48.3
≥6000	18.3	28.3	30.2	37.3	41.5	43.7	45.8	47.1	47.5	47.8	48.1	48.3	48.3	48.3	48.3	48.5
≥5000	18.6	29.8	31.7	39.8	44.2	46.4	48.5	49.8	50.2	50.8	51.2	51.5	51.5	51.5	51.5	51.7
≥4500	19.7	31.2	33.1	41.5	46.3	48.5	50.8	52.2	52.5	53.2	53.4	53.9	53.9	53.9	53.9	54.1
≥4000	22.5	36.1	38.0	46.8	52.0	54.2	56.6	58.0	58.3	59.2	59.5	59.8	59.8	59.8	59.8	60.0
≥3500	23.7	38.8	40.7	50.0	55.4	57.8	60.5	61.9	62.2	63.1	63.4	63.7	63.7	63.7	63.7	63.9
≥3000	26.6	43.9	46.3	57.1	62.9	65.6	69.8	71.5	71.9	72.7	73.1	73.4	73.6	73.6	73.6	73.7
≥2500	28.8	47.1	49.7	61.4	67.6	70.5	75.3	76.9	77.3	78.1	78.5	78.8	79.0	79.0	79.0	79.2
≥2000	31.2	50.5	53.1	65.4	72.4	75.6	80.8	83.2	83.7	84.7	85.1	85.4	85.6	85.6	85.6	85.8
≥1800	31.9	51.4	53.9	66.9	74.2	77.5	82.9	85.3	85.8	86.8	87.1	87.5	87.6	87.6	87.6	87.8
≥1600	32.0	52.0	55.4	69.2	76.4	79.8	85.3	87.8	88.5	89.8	90.2	90.5	90.7	90.7	90.7	90.8
≥1400	32.1	52.0	55.4	69.5	77.1	80.5	86.1	88.6	89.7	91.0	91.4	91.7	91.9	91.9	91.9	92.0
≥1200	32.1	52.0	55.4	70.2	78.0	81.4	87.1	89.7	90.7	92.0	92.4	92.7	92.9	92.9	92.9	93.1
≥1000	32.0	52.0	55.4	70.2	78.5	81.9	87.6	90.2	91.2	92.5	92.9	93.2	93.4	93.4	93.4	93.6
≥900	32.0	52.4	55.8	70.5	79.2	82.5	88.3	90.8	92.0	93.4	93.7	94.2	94.4	94.7	94.7	94.9
≥800	32.0	52.4	55.8	70.5	79.5	83.1	89.0	91.5	92.7	94.1	94.4	94.9	95.1	95.6	95.6	95.8
≥700	32.0	52.4	55.8	70.5	79.7	83.2	89.2	91.9	93.1	94.6	94.9	95.4	95.6	96.3	96.3	96.4
≥600	32.0	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.4	95.8	96.3	96.4	97.3	97.3	97.5
≥500	32.1	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.8	96.3	96.8	97.5	98.6	98.6	98.8
≥450	32.0	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.9	96.4	96.9	98.0	99.2	99.2	99.5
≥400	32.0	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.9	96.4	96.9	98.1	99.3	99.7	100.0
≥350	32.1	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.9	96.4	96.9	98.1	99.3	99.7	100.0
≥300	32.1	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.9	96.4	96.9	98.1	99.3	99.7	100.0
≥250	32.1	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.9	96.4	96.9	98.1	99.3	99.7	100.0
≥200	32.1	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.9	96.4	96.9	98.1	99.3	99.7	100.0
≥150	32.1	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.9	96.4	96.9	98.1	99.3	99.7	100.0
≥100	32.1	52.4	55.8	70.5	79.7	83.2	89.2	92.0	93.4	95.9	96.4	96.9	98.1	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 590

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1335 FINTHEN AAF, DL

73-81

MA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1220-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. CEILING	11.6	18.0	19.7	21.6	23.8	24.2	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥20000	14.2	21.9	22.4	26.9	29.5	30.4	31.7	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥18000	14.5	22.3	23.1	27.8	30.4	31.3	32.6	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥16000	14.5	22.3	23.3	27.8	30.4	31.3	32.6	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥14000	14.5	22.3	23.5	28.3	31.1	32.1	33.5	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥12000	15.4	25.4	26.1	31.6	34.4	35.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥10000	16.4	25.9	26.6	32.1	35.2	37.1	38.7	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥8000	20.0	30.9	32.0	38.0	41.8	43.9	45.6	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥7000	20.0	31.1	32.1	38.9	43.2	45.3	47.0	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥6000	20.0	31.1	32.1	39.2	43.5	45.6	47.3	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥5000	20.7	32.0	33.3	40.9	45.3	47.5	49.6	50.3	50.7	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥4500	20.4	32.5	33.5	42.0	47.0	49.2	51.5	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥4000	23.1	35.3	36.3	45.9	51.1	53.5	56.0	56.8	56.8	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥3500	25.4	39.4	41.4	50.6	56.5	59.1	61.7	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥3000	35.1	50.1	51.5	64.1	71.8	73.9	76.7	77.9	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥2500	36.6	53.2	54.7	67.9	74.6	77.9	80.7	82.0	82.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9
≥2000	38.9	56.1	58.2	72.2	79.6	83.4	86.7	88.6	88.8	89.5	89.8	89.8	89.8	89.8	89.8	89.8
≥1800	38.7	56.5	58.7	73.1	80.7	84.6	87.9	89.8	90.0	90.7	91.0	91.0	91.0	91.0	91.0	91.0
≥1600	39.7	57.7	59.9	75.0	83.4	87.6	90.8	92.9	93.3	94.1	94.5	94.5	94.5	94.5	94.5	94.5
≥1400	39.9	58.0	60.3	76.5	85.3	89.5	92.7	94.8	95.5	96.4	96.7	96.7	96.7	96.7	96.7	96.7
≥1200	40.2	58.4	60.6	77.7	86.7	91.0	94.3	96.4	97.2	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥1000	40.2	58.4	60.6	77.7	86.9	91.2	94.5	96.5	97.4	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥900	40.2	58.4	60.6	77.7	87.0	91.4	94.6	96.7	97.6	98.4	98.8	98.8	98.8	98.8	98.8	98.8
≥800	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.2	98.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
≥700	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥600	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥500	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥400	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥300	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥200	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥100	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥50	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥20	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥10	40.2	58.4	60.6	77.7	87.2	91.7	95.2	97.4	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 579

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-81

4 A P

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	13.8	20.9	21.7	24.9	27.9	28.3	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 20000	17.2	25.8	26.9	31.8	35.0	35.4	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 18000	17.5	26.1	27.3	32.5	36.0	36.4	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 16000	17.7	26.3	27.4	32.7	36.2	36.5	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 14000	17.8	26.4	27.6	33.0	36.5	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 12000	18.4	27.1	28.3	33.7	37.4	37.7	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 10000	20.7	30.1	31.3	37.2	41.2	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 9000	21.1	31.0	32.2	38.2	42.6	43.3	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 8000	22.9	33.7	35.5	41.8	47.1	48.0	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 7000	23.6	34.5	36.9	43.1	48.5	49.3	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 6000	23.7	34.7	37.2	43.9	49.3	50.2	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 5000	24.6	36.5	39.1	46.3	52.0	53.0	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4500	25.1	38.2	41.1	48.3	54.2	55.2	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4000	27.4	43.4	46.5	54.4	60.3	61.3	62.3	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0
≥ 3500	31.1	51.3	51.7	60.9	67.5	68.5	69.9	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3000	38.0	58.2	61.5	72.6	79.6	80.8	82.2	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2500	39.2	59.9	63.8	75.8	83.2	84.5	86.0	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	41.1	62.6	67.7	79.8	88.0	89.9	91.6	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	41.1	62.6	67.2	80.6	88.9	90.7	92.4	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1600	41.6	63.3	68.0	81.6	90.4	92.4	94.3	94.9	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1400	41.6	63.6	68.4	83.5	92.4	94.4	96.5	97.1	97.1	97.1	97.6	98.1	98.1	98.1	98.1	98.1
≥ 1200	41.6	63.6	68.4	84.0	92.9	94.9	97.3	98.3	98.3	98.3	98.8	99.3	99.3	99.3	99.3	99.3
≥ 1000	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.5	98.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5
≥ 900	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.5	98.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5
≥ 800	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.5	98.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5
≥ 700	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.5	98.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5
≥ 600	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.5	98.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5
≥ 500	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.8	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0
≥ 400	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.8	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0
≥ 300	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.8	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0
≥ 200	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.8	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0
≥ 100	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.8	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0
≥ 0	41.6	63.6	68.4	84.2	93.1	95.1	97.5	98.8	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 594

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335
STATION

FINTHEN AAF, DL
STATION NAME

73-61
YEARS

MAP
NO.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1630-2020
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0.01
NO. CEILING	18.4	25.1	26.2	29.3	30.5	30.5	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 20000	23.1	32.4	33.5	37.9	39.1	39.1	40.0	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 18000	23.0	32.6	34.1	39.9	40.0	40.0	41.0	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 16000	23.4	33.1	34.5	39.3	40.4	40.4	41.4	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 14000	23.4	33.5	34.9	39.7	40.8	40.8	41.8	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 12000	23.6	33.7	35.1	40.0	41.2	41.2	42.1	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 10000	25.5	36.0	37.4	42.3	44.1	44.3	45.6	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 9000	25.5	36.6	37.9	43.3	45.6	45.6	47.1	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 8000	27.8	40.0	42.1	48.3	52.1	52.5	54.7	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 7000	29.1	41.2	43.1	49.8	53.6	54.0	56.1	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 6000	28.5	41.2	43.1	49.8	53.8	54.2	56.3	56.5	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 5000	29.9	42.9	45.1	52.5	57.1	57.5	60.0	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 4500	29.3	44.3	46.7	54.4	59.4	59.8	62.3	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 4000	31.3	49.4	52.1	61.5	66.7	67.2	69.7	69.9	69.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 3500	34.3	52.9	55.7	65.9	71.3	72.0	74.7	74.9	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3000	39.7	60.0	63.2	74.5	80.3	81.0	83.7	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	39.8	61.1	64.9	77.2	83.1	84.3	87.0	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	42.0	63.8	68.2	81.6	87.7	89.5	92.7	93.1	93.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3
≥ 1800	42.5	64.4	69.7	83.5	90.0	92.0	95.6	96.0	96.2	97.1	97.1	97.3	97.3	97.3	97.3	97.3
≥ 1600	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3
≥ 1400	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 1200	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 1000	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 900	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 800	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 700	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 600	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 500	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 400	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 300	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 200	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 100	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7
≥ 0	42.7	64.9	69.5	84.5	91.0	92.9	96.6	96.9	97.1	98.3	98.3	98.5	98.5	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 522

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE INSTRUCTIONS

CEILING VERSUS VISIBILITY

100335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEAR

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MONTHS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ .2
NO CEILING	13.6	20.0	21.0	24.2	26.3	26.9	27.9	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.5	28.5
≥ 20000	15.3	24.2	25.3	29.7	32.3	33.0	34.2	34.7	34.8	34.9	34.9	35.0	35.1	35.1	35.1	35.2
≥ 18000	16.4	24.4	25.6	30.2	32.9	33.7	34.9	35.3	35.4	35.6	35.6	35.7	35.7	35.7	35.8	35.8
≥ 16000	16.5	24.5	25.7	30.3	33.0	33.8	35.0	35.4	35.5	35.7	35.7	35.8	35.8	35.8	35.9	35.9
≥ 14000	16.6	24.6	25.8	30.5	33.2	33.9	35.1	35.6	35.7	35.8	35.9	35.9	36.0	36.0	36.0	36.1
≥ 12000	16.9	25.0	26.2	31.0	33.8	34.6	35.8	36.2	36.3	36.5	36.5	36.6	36.6	36.6	36.7	36.7
≥ 10000	18.1	27.1	29.2	33.5	36.5	37.4	38.8	39.3	39.4	39.5	39.6	39.7	39.7	39.7	39.8	39.8
≥ 9000	18.4	27.7	28.9	34.3	37.6	38.8	40.3	40.6	40.9	41.1	41.1	41.2	41.3	41.3	41.4	41.4
≥ 8000	20.9	31.4	33.1	39.2	43.3	44.7	46.4	47.0	47.2	47.3	47.4	47.5	47.5	47.5	47.6	47.6
≥ 7000	21.3	32.3	34.1	40.6	44.9	46.3	48.2	48.8	49.0	49.1	49.2	49.3	49.3	49.3	49.4	49.4
≥ 6000	21.9	32.6	34.5	41.1	45.4	46.8	48.8	49.4	49.5	49.7	49.7	49.8	49.9	49.9	49.9	50.0
≥ 5000	22.3	34.0	35.9	43.4	48.0	49.5	51.6	52.2	52.4	52.6	52.8	53.0	53.0	53.0	53.1	53.1
≥ 4500	22.9	35.3	37.3	45.1	50.1	51.6	53.8	54.5	54.6	55.0	55.1	55.3	55.3	55.3	55.4	55.4
≥ 4000	25.3	39.7	41.8	50.3	55.5	57.1	59.4	60.1	60.3	60.7	60.9	61.0	61.1	61.1	61.1	61.2
≥ 3500	27.5	43.5	46.1	55.3	61.0	62.6	65.2	65.9	66.1	66.5	66.7	66.8	66.9	66.9	66.9	67.0
≥ 3000	33.0	50.3	53.6	64.8	70.9	72.8	75.9	76.8	77.0	77.6	77.7	77.9	77.9	77.9	78.0	78.0
≥ 2500	34.4	53.2	56.3	68.3	74.8	76.8	80.1	81.1	81.4	82.0	82.1	82.3	82.4	82.4	82.5	82.5
≥ 2000	36.7	56.5	59.9	72.8	79.8	82.3	85.9	87.3	87.6	88.3	88.5	88.7	88.8	88.8	88.9	89.0
≥ 1800	36.9	56.8	60.3	73.7	80.9	83.4	87.1	88.5	88.8	89.6	89.8	90.0	90.0	90.1	90.2	90.2
≥ 1500	37.6	57.8	61.6	75.8	83.4	86.0	89.9	91.4	91.9	92.7	93.0	93.2	93.3	93.3	93.4	93.5
≥ 1200	37.8	58.2	62.1	77.0	84.9	87.5	91.5	93.0	93.7	94.5	94.8	95.1	95.1	95.2	95.3	95.3
≥ 1000	37.9	58.3	62.2	77.7	85.6	88.3	92.5	94.0	94.7	95.6	95.9	96.2	96.3	96.3	96.5	96.5
≥ 900	37.9	58.3	62.2	77.8	85.8	88.6	92.7	94.3	94.9	95.9	96.2	96.5	96.6	96.6	96.8	96.8
≥ 800	37.9	58.4	62.3	77.9	86.1	88.8	93.0	94.5	95.2	96.2	96.6	96.9	97.0	97.1	97.3	97.3
≥ 700	37.9	58.4	62.3	77.9	86.2	89.0	93.2	94.8	95.5	96.6	96.9	97.2	97.3	97.5	97.6	97.7
≥ 600	37.9	58.4	62.3	77.9	86.3	89.0	93.2	94.9	95.7	96.8	97.2	97.4	97.6	97.8	98.0	98.0
≥ 500	37.9	58.4	62.3	77.9	86.3	89.1	93.4	95.2	96.0	97.3	97.6	97.9	98.1	98.3	98.5	98.5
≥ 400	37.9	58.4	62.3	77.9	86.3	89.1	93.4	95.2	96.1	97.4	97.8	98.2	98.4	98.9	99.1	99.1
≥ 300	37.9	58.4	62.3	77.9	86.3	89.1	93.4	95.2	96.1	97.6	98.0	98.3	98.7	99.2	99.4	99.5
≥ 200	37.9	58.4	62.3	77.9	86.3	89.1	93.4	95.2	96.2	97.6	98.1	98.4	98.8	99.4	99.6	99.8
≥ 100	37.9	58.4	62.3	77.9	86.3	89.1	93.4	95.2	96.2	97.6	98.1	98.4	98.8	99.4	99.7	99.9
≥ 0	37.9	58.4	62.3	77.9	86.3	89.1	93.4	95.2	96.2	97.6	98.1	98.4	98.8	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2931

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10335 FINTHEN AAF, DL

73, 75-78, 80-81

APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	30.9	40.9	44.5	47.3	49.1	50.0	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	31.9	44.5	48.2	51.9	52.7	53.6	55.5	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	31.8	45.5	49.1	51.8	53.6	54.5	56.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	31.8	45.5	49.1	51.8	53.6	54.5	56.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	31.8	45.5	49.1	51.8	53.6	54.5	56.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 12000	31.8	45.5	49.1	51.8	53.6	54.5	56.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	32.7	47.3	51.9	53.6	55.5	56.4	58.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 9000	32.7	47.3	51.9	53.6	55.5	56.4	58.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	33.6	49.1	52.7	55.5	57.3	58.2	60.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 7000	35.5	50.9	54.5	57.3	59.1	60.0	61.8	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 6000	35.5	50.9	54.5	57.3	59.1	60.0	61.8	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 5000	36.4	52.7	56.4	59.1	60.9	61.8	63.6	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	36.4	52.7	56.4	59.1	60.9	61.8	63.6	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4000	40.0	57.3	60.9	64.5	66.4	67.3	69.1	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 3500	40.0	58.2	61.8	66.4	68.2	69.1	70.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	42.7	61.8	66.4	72.7	76.4	77.3	79.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2500	44.5	64.5	70.0	77.3	80.9	81.8	83.6	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	46.4	68.2	73.6	82.7	88.2	89.1	90.9	92.7	92.7	93.6	94.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	47.3	69.1	74.5	83.6	89.1	90.0	91.8	93.6	93.6	94.5	95.5	96.4	96.4	96.4	96.4	96.4
≥ 1500	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 1200	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 1000	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 900	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 800	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 700	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 600	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 500	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 400	47.3	71.8	77.3	86.4	91.8	92.7	94.5	96.4	96.4	97.3	98.2	99.1	99.1	99.1	99.1	99.1
≥ 300	47.3	71.8	77.3	86.4	91.8	92.7	94.5	97.3	97.3	98.2	99.1	100.0	100.0	100.0	100.0	100.0
≥ 200	47.3	71.8	77.3	86.4	91.8	92.7	94.5	97.3	97.3	98.2	99.1	100.0	100.0	100.0	100.0	100.0
≥ 100	47.3	71.8	77.3	86.4	91.8	92.7	94.5	97.3	97.3	98.2	99.1	100.0	100.0	100.0	100.0	100.0
≥ 0	47.3	71.8	77.3	86.4	91.8	92.7	94.5	97.3	97.3	98.2	99.1	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335 FINTHEN AAF, DL

73-81

APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	21.6	29.5	32.4	35.9	39.4	40.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	24.7	33.9	37.7	41.4	45.6	47.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 18000	25.1	34.8	37.9	42.3	46.5	48.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	25.1	34.8	37.9	42.3	46.5	48.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	25.1	34.8	37.9	42.3	46.5	48.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 12000	25.1	34.8	37.9	42.5	46.7	48.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 10000	26.2	36.3	39.4	44.7	49.1	50.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 9000	26.7	36.8	39.9	45.2	49.6	51.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000	28.8	39.2	42.7	48.9	53.3	54.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	29.1	40.1	43.6	50.4	54.8	56.4	59.5	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 6000	29.3	40.5	44.0	51.1	55.5	57.1	60.3	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 5000	29.7	41.4	45.2	52.6	57.3	59.0	62.6	63.2	63.2	63.7	63.4	63.4	63.4	63.4	63.4	63.4
≥ 4500	30.1	41.9	46.2	53.7	58.4	60.1	63.9	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	31.5	45.1	49.6	57.9	63.0	64.7	68.5	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3500	33.0	48.7	53.3	61.9	67.4	69.0	72.9	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	74.0
≥ 3000	35.7	53.1	58.2	67.4	73.1	74.9	79.3	80.6	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.9
≥ 2500	37.1	55.9	61.0	70.3	76.7	78.6	83.2	84.4	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.7
≥ 2000	39.5	58.8	64.1	74.2	81.9	84.1	89.0	90.5	90.7	91.6	91.9	91.9	91.9	92.5	92.5	92.9
≥ 1800	39.4	59.7	65.0	75.1	83.0	85.2	90.1	91.6	91.8	92.7	93.0	93.0	93.0	93.6	93.6	94.0
≥ 1500	39.6	61.5	67.0	78.0	85.9	88.1	93.0	94.5	94.7	95.8	96.2	96.2	96.2	96.9	97.1	97.4
≥ 1200	39.7	62.1	67.6	78.8	86.8	89.2	94.1	95.6	95.8	96.9	97.3	97.3	97.3	98.0	98.2	98.5
≥ 1000	39.9	62.3	67.9	79.1	87.2	89.6	94.5	96.2	96.3	97.4	97.8	97.8	97.8	98.5	98.7	99.1
≥ 900	39.9	62.3	67.8	79.1	87.2	89.6	94.5	96.2	96.3	97.4	97.8	97.8	97.8	98.5	98.7	99.1
≥ 800	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.0	98.0	98.0	98.7	98.9	99.3
≥ 700	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.0	98.0	98.0	98.7	98.9	99.3
≥ 600	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.0	98.0	98.0	98.7	98.9	99.3
≥ 500	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.0	98.0	98.0	98.7	98.9	99.3
≥ 400	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.0	98.2	98.2	98.9	99.1	99.5
≥ 300	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.2	98.4	98.4	99.1	99.3	99.6
≥ 200	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.2	98.4	98.4	99.1	99.5	99.8
≥ 100	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.2	98.4	98.4	99.1	99.5	100.0
≥ 0	39.9	62.3	67.8	79.1	87.4	89.7	94.7	96.3	96.5	97.6	98.2	98.4	98.4	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335
STATION

FINTHEN AAF, DL
STATION NAME

73-61
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1952-1122
SUM

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING ≥ 20000	21.9	31.3	32.7	38.1	41.1	41.7	42.7	42.7	47.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000	24.9	35.5	38.2	44.5	47.8	48.3	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 16000	25.1	36.1	38.8	45.1	48.5	49.0	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	25.1	36.1	38.8	45.1	48.5	49.0	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	26.0	37.0	39.9	46.3	49.7	50.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 10000	27.1	38.6	41.5	48.3	51.7	52.2	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 9000	27.1	38.6	41.5	48.3	51.7	52.2	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000	28.4	40.9	43.9	52.6	56.2	56.7	58.0	58.2	58.2	58.5	58.7	58.9	58.9	58.9	58.9	58.9
≥ 7000	29.1	42.0	44.9	53.9	58.2	58.7	60.3	60.5	60.7	61.0	61.2	61.4	61.4	61.4	61.4	61.4
≥ 6000	29.4	42.4	45.2	54.8	59.1	59.6	61.2	61.4	61.6	61.9	62.1	62.3	62.3	62.3	62.3	62.3
≥ 5000	30.0	43.6	47.4	57.1	61.4	61.9	63.6	63.7	63.9	64.3	64.5	64.6	64.6	64.6	64.6	64.6
≥ 4500	31.2	45.4	49.7	59.1	63.6	64.1	65.9	66.2	66.4	66.8	67.0	67.1	67.1	67.1	67.1	67.1
≥ 4000	33.2	48.7	52.6	62.7	67.7	68.2	70.0	70.4	70.7	71.1	71.3	71.5	71.5	71.5	71.5	71.5
≥ 3500	34.8	51.9	55.8	66.8	72.2	72.7	74.5	75.0	75.4	75.8	75.9	76.1	76.1	76.1	76.1	76.1
≥ 3000	38.2	56.2	60.5	72.7	78.8	79.5	81.5	82.0	82.4	83.3	83.5	83.7	83.8	83.8	83.8	83.8
≥ 2500	40.9	59.6	63.9	76.8	84.6	85.3	87.3	87.8	88.2	89.2	89.4	89.6	89.8	89.8	89.8	89.8
≥ 2000	41.8	61.6	65.9	79.4	88.3	89.0	91.2	91.7	92.1	93.5	93.9	94.1	94.3	94.4	94.4	94.4
≥ 1800	42.7	63.7	67.3	81.1	90.1	90.8	93.0	93.5	93.9	95.3	95.7	95.9	96.1	96.2	96.2	96.2
≥ 1500	44.2	64.6	68.9	82.9	91.9	92.6	94.8	95.3	95.7	97.1	97.5	97.7	97.8	98.0	98.0	98.0
≥ 1200	44.7	65.2	69.5	84.0	93.2	93.9	96.1	96.6	96.9	98.4	98.7	98.9	99.1	99.3	99.3	99.3
≥ 1000	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.8	97.1	98.6	98.9	99.1	99.3	99.5	99.5	99.5
≥ 900	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.8	97.1	98.6	98.9	99.1	99.3	99.5	99.5	99.5
≥ 800	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.8	97.1	98.6	98.9	99.1	99.3	99.5	99.5	99.5
≥ 700	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.8	97.1	98.6	98.9	99.1	99.3	99.5	99.5	99.5
≥ 600	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.8	97.1	98.6	98.9	99.1	99.3	99.5	99.5	99.5
≥ 500	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.8	97.1	98.6	98.9	99.1	99.3	99.5	99.5	99.5
≥ 400	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.9	97.7	99.1	99.5	99.6	99.8	100.0	100.0	100.0
≥ 300	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.9	97.7	99.1	99.5	99.6	99.8	100.0	100.0	100.0
≥ 200	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.9	97.7	99.1	99.5	99.6	99.8	100.0	100.0	100.0
≥ 100	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.9	97.7	99.1	99.5	99.6	99.8	100.0	100.0	100.0
≥ 0	44.7	65.2	69.5	84.2	93.4	94.1	96.2	96.9	97.7	99.1	99.5	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 557

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-33 FINTHEN AAF, DL

73-61

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
SOUTH

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	24.3	31.1	31.3	36.1	36.9	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 20000	27.4	37.9	39.0	44.9	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	27.4	37.9	39.0	44.9	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000	27.4	37.9	39.0	44.9	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	27.4	38.5	39.5	45.4	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	27.5	38.6	39.7	45.6	46.3	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 10000	29.2	40.4	41.5	47.4	48.3	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 9000	30.1	41.3	42.4	48.3	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 8000	30.9	42.9	44.0	51.0	51.9	52.1	52.4	52.4	52.4	53.3	53.5	53.5	53.5	53.5	53.5	53.5
≥ 7000	31.7	44.4	45.4	52.8	53.8	54.0	54.4	54.4	54.4	55.3	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	32.2	44.9	46.7	53.5	54.6	54.7	55.1	55.1	55.1	56.0	56.2	56.2	56.2	56.2	56.2	56.2
≥ 5000	33.5	46.3	47.4	54.9	56.0	56.2	56.5	56.5	56.5	57.4	57.6	57.6	57.6	57.6	57.6	57.6
≥ 4500	34.9	48.1	49.2	56.7	57.8	58.0	58.3	58.3	58.3	59.2	59.4	59.4	59.4	59.4	59.4	59.4
≥ 4000	39.5	53.1	54.6	62.3	63.3	63.5	63.9	63.9	63.9	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3500	44.5	60.5	62.1	70.7	71.7	71.9	72.3	72.3	72.3	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	52.6	69.9	71.9	81.6	83.0	83.4	84.1	84.1	84.1	85.0	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	55.1	73.7	75.2	85.3	87.1	87.5	88.4	88.4	88.6	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	57.2	76.4	78.5	90.3	92.5	92.6	93.7	93.7	94.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	57.6	77.1	79.2	91.6	93.7	94.1	95.0	95.0	95.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	58.1	78.4	80.5	92.8	95.0	95.3	96.2	96.2	96.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	58.3	78.7	80.9	93.4	95.5	95.9	96.8	97.0	97.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	58.3	78.7	80.9	93.7	95.9	96.2	97.1	97.3	97.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	58.3	78.7	80.9	93.7	95.9	96.2	97.1	97.3	97.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	58.3	78.9	81.2	94.1	96.2	96.6	97.5	97.7	98.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	58.3	78.9	81.2	94.1	96.2	96.6	97.5	97.7	98.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	58.3	78.9	81.2	94.1	96.2	96.6	97.5	97.7	98.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	58.3	78.9	81.2	94.1	96.2	96.6	97.5	97.7	98.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	58.3	78.9	81.2	94.1	96.4	96.6	97.9	98.0	98.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	58.3	78.9	81.2	94.1	96.4	96.6	97.9	98.0	98.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	58.3	78.9	81.2	94.1	96.4	96.6	97.9	98.0	98.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	58.3	78.9	81.2	94.1	96.4	96.6	97.9	98.0	98.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	58.3	78.9	81.2	94.1	96.4	96.6	97.9	98.0	98.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	58.3	78.9	81.2	94.1	96.4	96.6	97.9	98.0	98.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 559

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17E335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	26.3	33.8	34.2	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 20000	29.5	41.5	41.9	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IVM 18000	29.9	41.9	42.3	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 16000	30.0	42.1	42.4	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IVM 14000	30.2	42.6	43.0	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	30.8	43.3	43.7	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IVM 10000	33.5	46.6	46.9	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 9000	33.5	46.6	46.9	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IVM 8000	36.0	49.8	50.2	54.5	54.5	55.2	55.4	55.4	55.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 7000	37.1	51.4	52.1	56.3	56.7	57.0	57.2	57.2	57.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IVM 6000	37.1	51.4	52.0	56.3	56.7	57.0	57.2	57.2	57.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 5000	38.1	53.4	54.0	58.3	58.6	59.0	59.2	59.2	59.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IVM 4500	39.7	56.1	56.7	61.0	61.3	61.7	61.9	61.9	61.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4000	42.4	61.0	61.5	66.4	66.7	67.1	67.3	67.3	67.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IVM 3500	48.7	69.1	70.1	75.0	75.4	75.7	75.9	75.9	75.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3000	55.2	77.0	78.2	84.7	85.3	85.6	86.0	86.0	86.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IVM 2500	56.5	79.3	80.6	87.8	88.3	88.6	89.0	89.0	89.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	59.0	82.9	84.4	92.3	92.8	93.3	93.5	93.5	93.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IVM 1800	59.2	83.3	84.7	92.6	93.3	93.9	94.1	94.1	94.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	60.1	84.5	86.1	94.6	95.3	95.9	96.0	96.0	96.0	97.8	97.8	98.2	98.2	98.2	98.2	98.2
IVM 1200	60.1	84.7	86.7	95.3	96.0	96.6	97.1	97.1	97.3	98.9	98.9	99.3	99.3	99.3	99.3	99.3
≥ 1000	60.1	84.7	87.1	95.9	96.6	97.1	97.7	97.7	97.8	99.5	99.5	99.8	99.8	99.8	99.8	99.8
IVM 900	60.1	84.7	87.1	95.9	96.6	97.1	97.7	97.7	97.8	99.5	99.5	99.8	99.8	99.8	99.8	99.8
≥ 800	60.1	84.7	87.1	95.9	96.6	97.1	97.7	97.7	97.8	99.5	99.5	99.8	99.8	99.8	99.8	99.8
IVM 700	60.1	84.7	87.2	96.0	96.8	97.3	97.8	97.8	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 600	60.1	84.7	87.2	96.0	96.8	97.3	97.8	97.8	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0
IVM 500	60.1	84.7	87.2	96.0	96.8	97.3	97.8	97.8	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 400	60.1	84.7	87.2	96.0	96.8	97.3	97.8	97.8	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0
IVM 300	60.1	84.7	87.2	96.0	96.8	97.3	97.8	97.8	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 200	60.1	84.7	87.2	96.0	96.8	97.3	97.8	97.8	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0
IVM 100	60.1	84.7	87.2	96.0	96.8	97.3	97.8	97.8	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0
≥ 0	60.1	84.7	87.2	96.0	96.8	97.3	97.8	97.8	98.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 556

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 33°

FINTHEN AAF, DL

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2	≥2
≥1000	30.4	43.1	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥800	34.5	50.6	51.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥600	34.5	51.0	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥400	35.5	52.2	53.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥200	35.7	52.9	53.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥100	39.8	57.6	58.4	61.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥75	40.4	58.4	59.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥50	44.1	63.3	64.3	67.1	67.1	67.3	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥25	44.9	64.5	65.5	69.2	69.2	69.6	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥15	44.7	65.7	66.7	70.4	70.4	70.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥10	48.1	69.0	70.3	73.7	73.7	74.1	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥7.5	49.6	71.8	72.9	76.9	77.1	77.6	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥5	53.1	76.9	78.4	82.0	82.2	82.7	82.9	83.3	83.3	83.5	83.5	83.5	83.5	83.7	83.7	83.7
≥2.5	57.8	82.7	84.1	88.4	88.6	89.0	89.4	89.8	89.8	90.0	90.0	90.0	90.0	90.2	90.2	90.2
≥1.5	58.7	83.5	84.9	90.2	90.6	91.2	91.6	92.0	92.0	92.2	92.2	92.2	92.2	92.4	92.4	92.4
≥1	60.0	86.1	87.6	93.3	93.7	94.3	94.7	95.1	95.1	95.3	95.3	95.3	95.3	95.5	95.5	95.5
≥0.75	60.2	86.5	88.0	93.7	94.1	94.7	95.1	95.5	95.5	95.7	95.7	95.7	95.7	95.9	95.9	95.9
≥0.5	60.6	87.3	88.5	95.7	96.5	97.1	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.4	98.4	98.4
≥0.25	60.8	87.6	90.0	96.9	97.8	98.4	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥0.15	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥0.1	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥0.075	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥0.05	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥0.025	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥0.015	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥0.01	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥0.0075	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥0.005	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥0.0025	60.8	87.8	90.0	96.9	97.8	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 490

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-81

8P

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	31	34	37	40	43	46	49	52	55	58	61	64	67	70
25000	25.0	33.6	35.7	38.2	39.7	40.1	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
22000	28.2	39.9	41.5	45.0	47.5	47.9	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
21800	28.4	40.3	42.1	46.2	47.9	48.4	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
21600	28.4	40.3	42.1	46.3	48.0	48.4	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
21400	28.6	40.8	42.5	46.7	48.4	48.9	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8
21200	29.7	41.2	43.7	47.3	49.0	49.4	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
21000	31.0	43.7	45.5	51.1	51.8	52.3	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
20800	31.4	44.1	45.1	50.6	52.4	52.8	53.7	53.7	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0
20600	33.4	46.2	48.8	54.6	56.5	57.0	58.0	58.2	58.2	58.7	58.8	58.8	58.8	58.8	58.8	58.8
20400	34.2	47.2	50.1	56.2	58.3	58.9	60.1	60.3	60.4	61.0	61.0	61.1	61.1	61.1	61.1	61.1
20200	34.4	48.5	50.4	56.7	58.8	59.4	60.5	60.6	60.8	61.4	61.5	61.5	61.5	61.5	61.5	61.5
20000	35.2	49.9	52.1	58.4	60.5	61.2	62.4	62.7	62.7	63.3	63.4	63.4	63.4	63.4	63.4	63.4
19800	35.5	51.8	53.9	61.5	62.6	63.3	64.6	64.9	64.9	65.5	65.6	65.6	65.6	65.6	65.6	65.6
19600	38.9	55.6	58.0	64.9	67.3	68.0	69.3	69.6	69.7	70.3	70.3	70.4	70.4	70.4	70.4	70.4
19400	42.5	61.0	63.5	70.9	73.4	74.0	75.3	75.7	75.8	76.4	76.5	76.5	76.6	76.6	76.6	76.6
19200	47.4	67.2	70.2	78.5	81.4	82.2	83.7	84.2	84.4	85.2	85.3	85.3	85.4	85.4	85.4	85.5
19000	49.2	69.8	72.7	81.8	85.2	86.0	87.7	88.1	88.3	89.2	89.2	89.3	89.4	89.4	89.4	89.4
18800	51.0	72.7	75.8	85.6	89.7	90.6	92.3	92.9	93.0	94.2	94.4	94.5	94.5	94.7	94.7	94.7
18600	51.5	73.5	76.5	86.6	90.7	91.6	93.4	93.9	94.1	95.2	95.4	95.5	95.6	95.7	95.7	95.8
18400	52.2	74.9	78.0	88.6	92.8	93.7	95.5	96.0	96.2	97.4	97.6	97.7	97.8	98.0	98.0	98.1
18200	52.4	75.3	78.6	89.4	93.7	94.6	96.5	97.0	97.2	98.4	98.6	98.8	98.8	99.0	99.0	99.1
18000	52.4	75.3	78.7	89.7	94.0	94.9	96.7	97.3	97.6	98.8	99.0	99.1	99.2	99.4	99.4	99.5
17800	52.4	75.3	78.7	89.7	94.0	94.9	96.7	97.3	97.6	98.8	99.0	99.1	99.2	99.4	99.4	99.5
17600	52.4	75.4	78.8	89.8	94.1	95.0	96.8	97.5	97.7	98.9	99.1	99.3	99.3	99.5	99.5	99.6
17400	52.4	75.4	78.9	89.8	94.1	95.1	96.9	97.5	97.7	98.9	99.1	99.3	99.4	99.5	99.6	99.6
17200	52.4	75.4	78.9	89.8	94.1	95.1	96.9	97.6	97.8	99.0	99.2	99.3	99.4	99.6	99.6	99.7
17000	52.4	75.4	78.9	89.8	94.2	95.1	96.9	97.6	97.9	99.1	99.3	99.5	99.6	99.8	99.8	99.9
16800	52.4	75.4	78.9	89.8	94.2	95.1	96.9	97.7	97.9	99.2	99.4	99.6	99.6	99.8	99.9	99.9
16600	52.4	75.4	78.9	89.8	94.2	95.1	96.9	97.7	97.9	99.2	99.4	99.6	99.6	99.8	99.9	100.0
16400	52.4	75.4	78.9	89.8	94.2	95.1	96.9	97.7	97.9	99.2	99.4	99.6	99.6	99.8	99.9	100.0
16200	52.4	75.4	78.9	89.8	94.2	95.1	96.9	97.7	97.9	99.2	99.4	99.6	99.6	99.8	99.9	100.0
16000	52.4	75.4	78.9	89.8	94.2	95.1	96.9	97.7	97.9	99.2	99.4	99.6	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2618

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-335 FINTHEN AAF, DL

73, 75-77, 80-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	33.0	37.6	38.5	41.3	44.0	44.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	34.9	41.3	43.1	47.7	50.5	50.5	51.4	51.4	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	35.8	42.2	44.0	48.6	51.4	51.4	52.3	52.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	35.8	42.2	44.0	48.6	51.4	51.4	52.3	52.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	35.8	42.2	44.0	49.5	52.3	52.3	53.2	53.2	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 12000	35.8	43.1	45.0	50.5	53.2	53.2	54.1	54.1	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	37.6	46.8	48.6	55.0	57.8	57.8	58.7	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000	37.6	47.7	49.5	56.0	57.8	57.8	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	37.6	49.5	51.4	58.7	62.4	62.4	63.3	63.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	38.5	51.4	53.2	60.6	64.2	64.2	66.1	66.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	38.5	52.3	54.1	61.5	65.1	65.1	67.0	67.0	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000	39.4	53.2	56.0	63.3	67.0	67.0	68.8	68.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	40.4	54.1	56.0	64.2	67.9	67.9	69.7	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4000	45.0	60.6	63.3	71.6	75.2	75.2	77.1	77.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	45.0	61.5	64.2	73.4	77.1	77.1	79.0	79.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	47.7	65.1	67.9	77.1	80.7	80.7	84.4	84.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	48.6	67.9	70.6	79.8	83.5	83.5	87.2	87.2	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	48.6	67.9	70.6	79.8	83.5	83.5	87.2	87.2	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	48.6	67.9	70.6	79.8	85.3	85.3	89.0	89.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	49.5	68.8	71.6	80.7	86.2	86.2	89.9	89.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 100	49.5	68.8	71.6	81.7	87.2	87.2	90.8	90.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 0	49.5	68.8	71.6	81.7	87.2	87.2	90.8	90.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 179

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

133° FINTHEN AAF, DL

73-61

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-0000

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.0
NO CEILING	25.7	31.9	33.1	37.1	39.2	39.2	39.5	39.9	39.9	40.3	40.3	40.5	40.5	40.5	40.5
≥ 20000	23.7	38.3	39.7	44.1	46.2	46.2	47.1	47.5	47.5	47.9	47.9	48.1	48.1	48.1	48.1
≥ 18000	25.5	38.8	40.5	44.9	47.1	47.1	48.1	48.5	48.5	48.9	48.9	49.0	49.0	49.0	49.0
≥ 16000	29.5	33.8	40.5	44.9	47.1	47.1	48.1	48.5	49.5	48.9	48.9	49.0	49.0	49.0	49.0
≥ 14000	33.0	39.4	41.1	45.4	47.9	47.9	48.9	49.2	49.2	49.6	49.6	49.8	49.8	49.8	49.8
≥ 12000	30.6	39.9	41.3	46.4	48.9	48.9	50.0	50.4	50.4	50.8	50.8	51.0	51.0	51.0	51.0
≥ 10000	32.7	43.3	45.4	51.1	53.8	53.8	55.5	55.9	55.9	56.3	56.3	56.5	56.5	56.5	56.5
≥ 9000	33.3	44.9	47.1	52.9	55.7	55.9	57.6	58.2	58.2	58.6	58.6	58.7	58.7	58.7	58.7
≥ 8000	35.6	48.1	51.2	57.2	60.6	60.8	62.5	63.7	63.7	64.1	64.1	64.3	64.3	64.3	64.3
≥ 7000	37.5	50.6	52.7	59.7	63.3	63.7	66.2	67.3	67.3	67.7	67.7	67.9	67.9	67.9	67.9
≥ 6000	37.5	50.6	52.7	59.9	63.5	63.9	66.3	67.5	67.5	67.9	67.9	68.1	68.1	68.1	68.1
≥ 5000	39.4	51.9	54.2	61.4	65.4	66.0	68.4	69.6	69.6	70.0	70.0	70.2	70.2	70.2	70.2
≥ 4500	40.1	54.0	56.3	63.7	67.7	68.3	70.9	72.1	72.1	72.4	72.4	72.6	72.6	72.6	72.6
≥ 4000	42.9	56.8	59.3	66.9	71.3	71.9	74.5	75.7	75.9	76.2	76.2	76.4	76.4	76.4	76.4
≥ 3500	45.6	60.1	62.5	70.7	75.3	75.9	78.5	79.7	79.8	80.2	80.2	80.4	80.4	80.4	80.4
≥ 3000	47.1	62.4	65.2	74.0	79.7	80.2	82.9	84.2	84.4	85.2	85.2	85.4	85.4	85.4	85.4
≥ 2500	47.3	63.1	66.0	75.5	81.2	81.7	84.4	85.7	85.9	86.7	86.7	86.9	86.9	86.9	86.9
≥ 2000	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 1800	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 1600	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 1400	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 1200	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 1000	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 900	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 800	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 700	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 600	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 500	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 400	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 300	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 200	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 100	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1
≥ 0	48.3	64.4	67.7	78.1	84.4	85.0	87.6	89.0	89.3	89.9	89.9	90.1	90.1	90.1	90.1

TOTAL NUMBER OF OBSERVATIONS 526

CLIMATOLGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

108335 FINTHEN AAF, DL

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1950

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	25.1	33.8	34.6	38.1	40.1	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	27.6	38.3	39.6	43.1	45.7	45.7	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 18000	27.8	38.8	39.7	44.0	46.9	47.1	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	27.8	38.8	39.7	44.0	46.9	47.1	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	28.5	39.0	39.9	44.2	47.1	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 12000	28.5	40.1	41.0	45.5	48.7	48.9	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	31.4	43.9	45.3	50.7	54.0	54.2	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 9000	31.9	45.3	46.9	52.3	55.6	55.6	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 8000	32.7	46.8	49.1	57.0	60.6	60.8	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	33.0	47.7	50.0	57.9	61.9	62.1	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000	33.2	47.8	50.2	58.3	62.3	62.5	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	33.9	48.7	51.1	59.6	63.7	63.9	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4500	34.3	49.1	51.8	60.8	65.3	65.5	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4000	37.0	53.4	56.7	66.6	71.1	71.3	71.8	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	39.5	57.4	60.8	71.7	76.5	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	44.9	65.3	69.0	80.1	85.2	85.4	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	45.3	66.1	69.7	81.0	86.1	86.3	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	46.4	68.4	72.4	84.1	89.5	89.9	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	46.6	69.1	73.1	85.2	90.6	91.0	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	47.5	70.8	74.7	87.4	92.8	93.1	93.9	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	47.5	70.8	74.7	87.4	93.7	94.0	94.8	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	47.5	70.8	74.7	87.9	94.4	94.8	95.7	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	47.5	70.8	74.7	87.9	94.4	94.8	95.7	96.6	96.6	96.9	96.9	96.9	96.9	97.1	97.1	97.1
≥ 800	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	97.5	97.5	97.5	97.5	97.7	97.7	97.7
≥ 700	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 600	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	97.7	97.7	97.7	97.8	98.0	98.2	98.2
≥ 500	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	97.8	97.8	98.2	98.2	98.6	98.6	98.6
≥ 400	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	98.2	98.2	98.6	98.6	98.9	99.3	99.3
≥ 300	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	98.2	98.2	98.6	98.9	99.3	99.3	99.3
≥ 200	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	98.2	98.2	98.6	99.1	99.5	99.8	99.8
≥ 100	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	98.2	98.2	98.6	99.1	99.5	99.8	100.0
≥ 0	47.5	70.8	74.7	88.3	94.8	95.1	96.0	97.1	97.1	98.2	98.2	98.6	99.1	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 554

FEDERAL BUREAU OF SURVEY
 NATIONAL METEOROLOGICAL SERVICE
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10 335 FINNEN AAF, DL

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥0	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO. CEILING	37.1	37.3	37.3	38.6	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 20000	34.2	46.2	46.2	48.6	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 18000	34.2	46.2	46.4	48.9	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 16000	34.2	46.2	46.4	48.9	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 14000	34.4	46.6	46.7	49.3	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	35.0	47.1	47.3	50.2	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	37.0	50.0	50.2	53.3	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	38.2	52.2	52.4	55.4	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 8000	40.9	56.5	56.9	61.1	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	43.3	59.1	59.4	63.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	43.7	59.4	59.8	64.5	65.6	65.8	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	44.6	61.4	62.0	66.8	67.9	68.1	68.3	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4500	46.6	64.3	65.0	70.3	71.4	71.6	71.7	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4000	47.8	67.6	68.7	75.0	76.3	76.4	76.6	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	52.2	73.6	74.6	81.0	82.2	82.4	82.6	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	57.1	79.9	81.0	88.4	89.9	90.0	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	58.3	81.7	82.8	90.2	91.7	91.8	92.4	92.4	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	59.1	83.2	84.6	92.4	94.6	94.7	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	59.1	83.3	84.8	92.8	94.9	95.1	95.8	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	59.4	84.2	85.7	93.7	95.8	96.0	96.7	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	59.4	84.2	85.7	93.7	96.2	96.4	97.1	97.3	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	59.6	84.4	85.9	94.0	96.7	96.9	97.6	98.0	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	59.6	84.4	85.9	94.0	96.7	96.9	97.6	98.0	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	59.6	84.4	85.9	94.0	96.7	96.9	97.6	98.0	98.2	98.9	99.1	99.1	99.1	99.1	99.3	99.3
≥ 700	59.6	84.4	85.9	94.0	96.7	96.9	97.6	98.0	98.2	99.1	99.3	99.3	99.3	99.3	99.5	99.5
≥ 600	59.6	84.4	85.9	94.0	96.7	97.3	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.8	100.0	100.0
≥ 500	59.6	84.4	85.9	94.0	96.7	97.3	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.8	100.0	100.0
≥ 400	59.6	84.4	85.9	94.0	96.7	97.3	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.8	100.0	100.0
≥ 300	59.6	84.4	85.9	94.0	96.7	97.3	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.8	100.0	100.0
≥ 200	59.6	84.4	85.9	94.0	96.7	97.3	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.8	100.0	100.0
≥ 100	59.6	84.4	85.9	94.0	96.7	97.3	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.8	100.0	100.0
≥ 0	59.6	84.4	85.9	94.0	96.7	97.3	98.0	98.4	98.6	99.5	99.6	99.6	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 552

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17335 FINTHEN AAF, DL

73-61

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	≥0
NO CEILING	32.6	39.9	39.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	40.1	52.0	52.0	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000	40.1	52.0	52.0	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	40.1	52.0	52.0	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	40.1	52.4	52.4	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000	40.5	52.9	53.1	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	42.9	56.7	56.9	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 9000	43.9	58.0	58.2	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	45.1	62.3	63.1	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	47.3	63.7	64.6	68.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	47.3	63.6	64.6	68.5	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	49.2	66.5	67.6	71.8	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	49.9	68.2	69.3	73.4	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	53.9	74.0	75.1	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	55.3	79.1	80.4	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	50.6	84.4	85.7	91.0	91.9	91.9	91.9	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	61.4	86.3	87.6	93.0	94.2	94.2	94.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	62.1	87.8	89.3	95.5	97.0	97.0	97.0	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	62.1	87.8	89.3	95.5	97.0	97.0	97.0	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1600	62.7	88.3	89.8	96.0	97.6	97.7	97.7	97.9	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 1400	52.7	88.3	89.8	96.0	97.9	98.1	98.1	98.5	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 1200	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1000	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 900	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 800	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 600	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 400	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 100	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 0	62.9	88.5	90.0	96.2	98.1	98.3	98.3	98.7	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 531

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10 335 FINTHEN AAF, DL

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1600-2000
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	38.4	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	46.1	57.4	57.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	46.6	58.0	58.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	46.6	58.0	58.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	46.6	58.0	58.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 12000	47.0	59.1	59.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	49.3	61.8	61.8	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 9000	49.9	62.6	62.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 8000	51.6	67.6	67.6	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	52.6	69.1	69.5	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	53.2	69.7	70.1	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	55.1	72.4	72.9	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	56.4	75.4	75.8	79.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	61.2	81.2	81.9	85.6	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	62.8	84.1	85.1	88.7	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	66.8	88.9	89.8	94.4	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	66.8	89.6	90.4	95.0	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	67.4	90.2	91.2	95.8	96.9	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	67.4	90.2	91.2	96.0	97.1	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	67.6	90.4	91.4	96.2	97.3	97.9	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4
≥ 1200	67.6	90.4	91.4	96.2	97.3	98.1	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.8	99.8
≥ 1000	67.6	90.4	91.4	96.2	97.3	98.1	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.8	99.8
≥ 900	67.6	90.4	91.4	96.2	97.3	98.1	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.8	99.8
≥ 800	67.6	90.4	91.4	96.2	97.3	98.1	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.8	99.8
≥ 700	67.6	90.4	91.4	96.5	97.5	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 600	67.6	90.4	91.4	96.5	97.5	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 500	67.6	90.4	91.4	96.5	97.5	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 400	67.6	90.4	91.4	96.5	97.5	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 300	67.6	90.4	91.4	96.5	97.5	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 200	67.6	90.4	91.4	96.5	97.5	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 100	67.6	90.4	91.4	96.5	97.5	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 0	67.6	90.4	91.4	96.5	97.5	98.3	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 479

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

SEE FIRST PAGE

CEILING VERSUS VISIBILITY

10735 FINTHEN AAF, DL

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	32.4	37.5	37.9	40.1	41.0	41.0	41.1	41.2	41.3	41.3	41.7	41.4	41.4	41.4	41.4	41.4
≥ 20000	35.1	45.9	46.5	49.4	50.6	50.6	50.9	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2
≥ 18000	35.4	46.3	46.9	49.9	51.3	51.3	51.6	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9
≥ 16000	35.4	46.3	46.9	49.9	51.3	51.3	51.6	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9
≥ 14000	35.6	46.6	47.2	50.4	51.7	51.8	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	36.3	47.4	48.1	51.5	53.0	53.1	53.4	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 10000	36.3	50.7	51.5	55.5	57.0	57.1	57.5	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	39.1	52.2	53.0	57.1	58.6	58.7	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 8000	41.1	55.7	55.9	62.2	63.9	64.1	64.5	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0
≥ 7000	42.3	57.5	58.7	64.2	66.3	66.4	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	42.5	57.8	59.0	64.6	66.7	66.8	67.5	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	43.3	59.6	61.0	66.8	69.0	69.2	69.9	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4
≥ 4500	45.0	61.5	63.1	69.1	71.3	71.5	72.3	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8
≥ 4000	42.1	66.0	67.8	74.3	76.7	77.0	77.7	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	50.7	70.2	72.5	79.0	81.5	81.7	82.5	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	54.7	75.5	77.5	85.1	87.9	88.2	89.1	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	55.3	76.6	78.6	86.4	89.3	89.6	90.5	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4
≥ 2000	56.1	78.1	80.4	88.7	92.0	92.4	93.4	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	56.1	78.3	80.6	89.1	92.4	92.7	93.8	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8
≥ 1500	56.7	79.3	81.6	90.2	93.6	94.0	95.1	95.6	95.8	96.1	96.1	96.2	96.3	96.4	96.4	96.4
≥ 1200	56.7	79.4	81.6	90.3	94.1	94.6	95.8	96.4	96.8	97.1	97.1	97.2	97.2	97.3	97.3	97.3
≥ 1000	56.8	79.5	81.8	90.5	94.4	94.9	96.1	96.9	97.3	97.7	97.7	97.8	97.8	97.9	97.9	97.9
≥ 900	56.8	79.5	81.8	90.5	94.4	94.9	96.1	97.0	97.3	97.7	97.7	97.8	97.8	97.9	98.0	98.0
≥ 800	56.8	79.5	81.8	90.7	94.5	95.1	96.3	97.3	97.7	98.2	98.3	98.3	98.4	98.6	98.6	98.6
≥ 700	56.8	79.5	81.8	90.7	94.5	95.1	96.3	97.4	97.7	98.3	98.4	98.4	98.5	98.7	98.7	98.7
≥ 600	56.8	79.5	81.8	90.7	94.5	95.1	96.4	97.5	97.8	98.4	98.4	98.5	98.7	98.9	98.9	98.9
≥ 500	56.8	79.5	81.8	90.7	94.5	95.1	96.4	97.5	97.9	98.5	98.5	98.7	98.8	99.0	99.1	99.1
≥ 400	56.8	79.5	81.8	90.7	94.5	95.1	96.4	97.5	97.9	98.6	98.7	98.8	99.0	99.2	99.3	99.3
≥ 300	56.8	79.5	81.8	90.7	94.5	95.1	96.4	97.5	97.9	98.6	98.7	98.8	99.0	99.3	99.3	99.3
≥ 200	56.8	79.5	81.8	90.7	94.5	95.1	96.4	97.5	97.9	98.6	98.7	98.8	99.1	99.3	99.6	99.6
≥ 100	56.8	79.5	81.8	90.7	94.6	95.2	96.4	97.5	97.9	98.7	98.7	98.9	99.1	99.4	99.7	99.9
≥ 50	56.8	79.5	81.8	90.7	94.6	95.2	96.4	97.5	97.9	98.7	98.7	98.9	99.1	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2751

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 33° FINTHEN AAF, DL

73, 75-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	26.4	31.6	31.4	36.4	39.7	40.5	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	27.3	31.4	32.2	37.2	41.3	42.1	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000	28.1	32.2	33.1	38.0	42.1	43.0	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 16000	28.1	32.2	33.1	38.8	43.0	43.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	28.9	33.1	33.9	40.5	44.6	45.5	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 12000	28.9	33.1	33.9	40.5	44.6	45.5	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 10000	30.6	36.4	37.2	43.8	47.9	48.8	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 9500	31.4	37.2	38.0	45.5	50.4	51.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 8000	33.9	41.3	42.1	49.6	54.5	55.4	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 7000	35.4	43.8	45.5	52.9	57.9	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 6000	37.2	44.6	46.3	53.7	58.7	59.5	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 5000	41.3	40.8	50.4	58.7	63.6	64.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500	43.7	51.2	52.9	62.0	66.9	68.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4000	45.5	54.5	56.2	65.3	71.9	74.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	47.1	57.9	59.5	68.6	75.2	77.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	50.4	62.0	63.6	73.6	80.2	82.6	84.3	84.3	84.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	51.2	63.6	65.3	75.2	81.8	84.3	86.0	86.0	86.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	53.7	66.9	68.6	80.2	86.8	90.9	92.6	92.6	92.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	53.7	66.9	68.6	80.2	86.8	90.9	92.6	92.6	92.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1600	53.7	67.8	69.4	81.8	87.6	91.7	93.4	93.4	93.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1400	53.7	67.8	69.4	81.8	88.4	92.6	94.2	94.2	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	53.7	67.8	69.4	81.8	88.4	92.6	94.2	94.2	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	53.7	67.8	69.4	81.8	88.4	92.6	94.2	94.2	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	53.7	67.8	69.4	81.8	88.4	92.6	94.2	94.2	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	53.7	67.8	69.4	81.8	88.4	92.6	94.2	94.2	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	53.7	67.8	69.4	81.8	88.4	92.6	94.2	94.2	95.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	53.7	67.8	69.4	82.6	89.3	93.4	95.0	95.0	95.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	53.7	67.8	69.4	82.6	89.3	93.4	95.0	95.0	95.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	53.7	67.8	69.4	82.6	89.3	93.4	95.0	95.0	95.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	53.7	67.8	69.4	82.6	89.3	93.4	95.0	95.0	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.7	67.8	69.4	82.6	89.3	93.4	95.0	95.0	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	53.7	67.8	69.4	82.6	89.3	93.4	95.0	95.0	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.7	67.8	69.4	82.6	89.3	93.4	95.0	95.0	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 121

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 8335
STATION

FINTHEN AAF, DL
STATION NAME

73-61
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0630-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	24.7	32.7	34.0	37.6	41.7	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 20000	26.2	34.6	36.3	40.0	44.7	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 18000	26.4	34.8	36.4	40.2	44.9	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 16000	26.4	34.8	36.4	40.2	44.9	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	27.1	35.5	37.2	40.9	45.6	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 12000	27.7	36.3	37.9	41.7	46.4	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 10000	29.7	38.7	40.6	44.5	49.3	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	31.2	40.5	42.6	46.5	51.6	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 8000	35.3	45.4	47.9	52.5	58.3	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 7000	37.2	47.5	49.9	55.0	61.1	62.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 6000	37.6	47.9	50.3	55.7	62.2	63.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	39.4	50.1	52.5	58.1	65.0	66.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	41.1	52.7	55.5	61.9	69.0	70.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	44.1	57.0	60.0	66.7	74.6	76.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500	47.3	61.3	64.3	71.4	79.3	81.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	49.2	64.5	67.5	75.1	83.4	85.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	50.1	65.8	69.2	76.8	85.4	87.5	89.7	89.7	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	51.0	67.9	71.4	80.0	89.3	91.6	94.2	94.2	94.2	94.4	94.6	94.6	94.6	94.8	94.8	94.8
≥ 1800	51.7	67.9	71.4	80.0	89.3	91.6	94.2	94.2	94.2	94.4	94.6	94.6	94.6	94.8	94.8	94.8
≥ 1500	52.1	69.3	73.1	81.7	91.0	93.5	96.1	96.1	96.3	96.4	96.4	96.4	96.6	96.6	96.8	96.8
≥ 1200	52.7	70.3	74.3	82.8	92.1	94.6	97.2	97.4	97.8	98.1	98.1	98.3	98.3	98.5	98.5	98.5
≥ 1000	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.6	97.9	98.7	98.7	98.9	98.9	99.1	99.1	99.1
≥ 900	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.6	97.9	98.7	98.7	98.9	98.9	99.1	99.1	99.1
≥ 800	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.6	97.9	98.7	98.7	98.9	98.9	99.1	99.1	99.1
≥ 700	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.6	97.9	98.7	98.7	98.9	98.9	99.1	99.1	99.1
≥ 600	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.8	98.1	98.9	98.9	99.1	99.1	99.3	99.3	99.3
≥ 500	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.8	98.1	98.9	98.9	99.1	99.1	99.3	99.3	99.4
≥ 400	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.8	98.5	99.3	99.3	99.4	99.4	99.6	99.6	99.8
≥ 300	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.8	98.5	99.3	99.3	99.4	99.4	99.6	99.6	99.8
≥ 200	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.8	98.5	99.3	99.3	99.4	99.4	99.6	99.6	99.8
≥ 100	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.8	98.5	99.3	99.3	99.4	99.4	99.6	99.6	100.0
≥ 0	52.9	70.5	74.2	83.0	92.3	94.8	97.4	97.8	98.5	99.3	99.3	99.4	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 535

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10335 FINNEN AAF, DL STATION NAME

73-61 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0922-1122

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	24.4	32.1	33.9	39.4	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥20000	27.1	35.3	37.3	43.2	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
18000	27.8	36.2	38.2	44.1	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
16000	27.8	36.2	38.2	44.1	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
14000	28.7	36.7	38.7	44.6	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
12000	29.2	38.5	40.5	46.4	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
10000	31.2	41.4	43.4	49.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
9000	31.9	42.1	44.1	50.5	52.0	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
8000	35.1	46.4	48.9	55.4	57.7	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
7000	37.1	49.1	51.6	58.8	61.1	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
6000	37.5	49.6	52.2	59.3	61.6	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
5000	39.4	52.2	54.7	62.2	64.5	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
4500	40.3	53.0	55.6	63.4	66.3	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
4000	44.9	58.2	61.1	70.6	73.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
3500	48.4	62.9	65.9	76.0	79.2	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
3000	52.5	68.3	71.5	82.1	86.0	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
2500	54.3	70.1	73.3	84.6	88.7	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
2000	56.1	72.4	75.6	88.0	92.7	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1800	56.3	72.8	76.1	88.5	93.2	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1500	56.3	73.7	76.9	89.6	94.3	96.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1200	57.1	74.0	77.2	90.3	95.2	97.1	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1000	57.0	74.3	77.2	90.3	95.2	97.1	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
900	57.0	74.0	77.2	90.3	95.2	97.1	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
800	57.0	74.0	77.2	90.3	95.2	97.1	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
700	57.2	74.2	77.4	90.7	95.5	97.5	98.4	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
600	57.2	74.2	77.4	90.7	95.5	97.5	98.4	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
500	57.2	74.2	77.4	90.7	95.5	97.5	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	57.2	74.2	77.4	90.7	95.5	97.5	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	57.2	74.2	77.4	90.7	95.5	97.5	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200	57.2	74.2	77.4	90.7	95.5	97.5	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
100	57.2	74.2	77.4	90.7	95.5	97.5	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	57.2	74.2	77.4	90.7	95.5	97.5	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 558

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	25.7	32.7	32.7	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	29.3	37.7	37.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 18000	29.3	37.9	38.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 16000	29.3	37.9	38.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 14000	29.3	37.9	38.1	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 12000	29.3	38.4	38.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 10000	32.3	41.8	42.4	44.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 9000	33.3	43.1	43.6	45.8	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 8000	36.3	46.5	47.6	50.3	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	37.5	48.1	49.2	52.2	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 6000	38.1	48.8	49.9	53.0	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 5000	41.5	52.8	53.9	57.8	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 4500	44.5	56.4	57.5	61.9	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 4000	52.6	66.2	67.7	72.5	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3500	58.3	73.6	75.2	80.3	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	56.1	82.4	84.2	90.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	56.4	82.9	84.7	91.6	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	68.6	86.0	87.8	94.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	68.8	86.4	88.2	95.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	68.9	86.5	88.3	95.5	97.8	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	68.9	86.5	88.3	95.7	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	69.1	86.7	88.5	95.9	98.7	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	69.1	86.7	88.5	95.9	98.7	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	69.1	86.7	88.5	95.9	98.7	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	69.1	86.7	88.5	96.2	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	69.1	86.7	88.5	96.2	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	69.1	86.7	88.5	96.2	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	69.1	86.7	88.5	96.2	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	69.1	86.7	88.5	96.2	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	69.1	86.7	88.5	96.2	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	69.1	86.7	88.5	96.2	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	69.1	86.7	88.5	96.2	99.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 557

CLIPAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335 FINTHEN AAF, DL

73-81

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1510-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	26.1	32.0	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000	32.3	36.7	39.4	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 18000	32.9	39.4	40.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 16000	32.9	39.4	40.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 14000	33.1	39.6	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 12000	33.5	41.1	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 10000	40.2	47.9	49.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	42.1	49.9	50.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 8000	46.5	55.9	56.6	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 7000	49.2	58.5	59.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	49.9	58.9	59.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	52.9	62.4	63.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	54.0	64.9	66.0	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	62.2	74.2	75.5	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	69.2	81.7	82.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	74.0	87.9	89.7	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	75.0	89.0	90.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	75.1	91.0	92.9	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	75.1	91.0	93.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	75.1	91.0	93.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	75.1	91.0	93.3	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.5	91.4	93.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 535

FEDERAL BUREAU OF SURVEY
 GENERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C. 20540
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10 339 FINNEN AAF, DL

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1973-7000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO. HOURS	22.2	41.5	47.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	40.0	50.3	51.4	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 18000	40.0	50.3	51.4	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	40.0	50.3	51.4	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 14000	40.2	50.5	51.6	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	40.2	50.5	51.6	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	43.4	55.1	56.3	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	44.9	56.4	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	51.2	64.6	66.3	67.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	54.3	67.6	69.3	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	54.9	68.7	70.4	71.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	55.6	70.6	72.3	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	56.1	72.6	74.3	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	54.3	80.1	82.5	85.3	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	64.0	84.4	86.8	89.6	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	71.3	89.2	91.5	95.5	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	71.7	90.1	92.4	96.8	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	72.1	90.5	92.9	97.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	72.1	90.5	92.9	97.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1600	72.1	90.5	93.3	98.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1400	72.1	90.7	93.5	98.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	72.1	90.7	93.5	98.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	72.1	90.7	93.5	98.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.1	90.7	93.5	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 463

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: FINNEN AAF, DL

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO. CEILING ≥ 2000	26.4	33.8	34.7	37.3	38.3	38.5	38.6	38.6	39.6	38.6	39.6	39.5	39.6	39.6	39.5	36.6
≥ 1800	30.9	39.1	40.2	42.9	44.2	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 1600	30.9	39.1	40.2	43.0	44.2	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 1400	31.1	39.4	40.6	43.4	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 1200	31.7	40.3	41.5	44.3	45.6	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 1000	35.7	44.3	45.6	48.9	50.6	50.7	50.9	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 900	36.3	45.7	47.1	50.5	52.3	52.6	52.8	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 800	40.2	50.9	52.5	56.4	58.5	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 700	42.3	53.3	55.7	59.1	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 600	42.3	53.9	55.6	59.8	62.0	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 500	43.3	56.8	58.6	63.3	65.7	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 450	47.1	59.1	61.1	66.1	68.8	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 400	53.1	66.2	68.4	74.2	77.2	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 350	57.2	71.6	73.8	79.9	82.9	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 300	61.8	77.4	79.8	86.7	90.0	90.8	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 250	62.7	78.5	81.1	88.3	91.7	92.5	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 200	63.7	80.6	83.2	91.0	94.7	95.7	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 1800	64.0	80.8	83.3	91.2	94.9	96.0	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9
≥ 1600	64.3	81.3	84.1	92.0	95.8	96.9	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0
≥ 1400	64.6	81.6	84.5	92.5	96.4	97.5	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8
≥ 1200	64.6	81.8	84.5	92.6	96.6	97.7	98.6	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	64.6	81.8	84.5	92.6	96.6	97.7	98.7	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	64.6	81.8	84.5	92.6	96.6	97.8	98.7	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	64.6	81.8	84.5	92.6	96.6	97.8	98.7	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	64.6	81.8	84.5	92.8	96.7	97.9	98.8	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	64.6	81.8	84.5	92.8	96.8	97.9	98.9	99.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	64.6	81.8	84.5	92.8	96.8	97.9	98.9	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	64.6	81.8	84.5	92.8	96.8	97.9	98.9	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 300	64.6	81.8	84.5	92.8	96.8	97.9	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	64.6	81.8	84.5	92.8	96.8	97.9	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 100	64.6	81.8	84.5	92.8	96.8	97.9	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0	64.6	81.8	84.5	92.8	96.8	97.9	98.9	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2769

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17 335 FINTHEN AAF, DL

73, 75-77, 80-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO. CEILINGS	27.1	38.1	39.9	42.1	44.4	45.2	46.8	48.4	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	29.4	40.5	41.3	44.4	46.8	47.6	49.2	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	29.4	40.5	41.3	44.4	46.8	47.6	49.2	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	29.4	40.5	41.3	44.4	46.8	47.6	49.2	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	29.4	40.5	41.3	44.4	46.8	47.6	49.2	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	31.7	42.9	43.7	46.8	49.2	50.0	51.6	53.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	32.5	43.7	44.4	46.8	50.8	51.6	53.2	54.8	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 9000	32.5	43.7	44.4	46.8	50.8	51.6	53.2	54.8	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	35.7	48.4	49.2	54.0	57.9	58.7	60.3	62.7	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	38.1	50.8	51.6	57.9	64.3	65.1	66.7	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	38.1	50.8	51.6	57.9	64.3	65.1	66.7	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	39.7	54.0	54.8	63.5	69.8	70.6	72.2	74.6	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	42.1	56.3	57.1	66.7	73.0	73.8	75.4	77.8	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	46.0	61.1	61.9	71.4	77.8	78.6	80.2	82.5	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	46.8	61.9	63.5	73.0	79.4	80.2	81.7	84.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	49.2	66.7	69.0	79.4	85.7	86.5	88.1	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	49.2	67.5	69.8	80.2	86.5	87.3	88.9	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	50.0	69.8	72.2	84.1	90.5	91.3	92.9	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	51.6	70.6	73.0	84.9	91.3	92.1	93.7	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	51.6	71.4	73.8	86.5	92.9	94.4	96.0	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 126

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1335 FINTHEN AAF, DL

73-61

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	20.7	28.7	29.3	33.7	37.7	37.7	38.6	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 2000	24.8	33.9	34.4	38.9	42.5	43.2	44.1	44.8	45.1	45.1	45.1	45.1	45.3	45.3	45.3	45.3
≥ 1800	25.5	34.5	35.1	39.9	43.5	44.2	45.1	45.8	46.1	46.1	46.1	46.1	46.3	46.3	46.3	46.3
≥ 1600	25.6	34.8	35.3	40.1	43.7	44.4	45.3	46.0	46.3	46.3	46.3	46.3	46.5	46.5	46.5	46.5
≥ 1400	25.6	34.8	35.3	40.1	43.7	44.4	45.3	46.0	46.3	46.3	46.3	46.3	46.5	46.5	46.5	46.5
≥ 1200	26.2	35.3	35.8	40.6	44.2	44.9	45.8	46.5	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0
≥ 1000	29.1	38.6	39.1	44.2	48.2	48.9	49.9	50.6	50.9	50.9	50.9	50.9	51.1	51.1	51.1	51.1
≥ 900	29.3	39.4	39.9	45.1	49.1	49.7	50.8	51.5	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0
≥ 800	35.3	47.2	47.8	53.5	58.3	59.4	60.4	61.1	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6
≥ 700	37.1	49.4	50.3	57.3	62.7	63.9	64.9	65.6	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1
≥ 600	37.0	49.7	50.6	58.2	63.5	64.7	65.7	66.4	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.0
≥ 500	47.3	54.9	56.1	64.7	70.4	71.8	73.0	73.7	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
≥ 4500	41.3	56.8	58.2	67.1	72.8	74.2	75.4	76.1	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6
≥ 4000	45.9	61.6	63.7	73.1	79.2	80.6	81.9	82.6	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 3500	47.2	63.2	66.1	75.9	81.9	83.3	84.7	85.4	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9
≥ 3000	47.9	63.9	67.6	79.7	86.4	87.8	89.2	89.8	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4
≥ 2500	48.2	65.1	68.8	81.1	88.3	89.8	91.2	91.9	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 2000	49.4	67.0	70.9	84.5	92.1	93.8	95.5	96.2	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 1800	50.3	67.8	71.8	85.4	92.9	94.7	96.4	97.1	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 1500	50.3	67.8	71.9	85.5	93.3	95.0	96.7	97.4	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1200	50.3	67.8	71.9	85.7	93.5	95.2	97.1	97.8	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3
≥ 1000	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 900	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 800	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 700	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 600	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 500	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 400	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 300	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 200	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 100	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
≥ 0	50.3	68.0	72.3	86.1	93.8	95.5	97.8	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 581

GLOBAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-61

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	
NO CEILING	22.5	29.0	30.5	35.7	37.5	37.8	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	24.7	31.7	33.2	38.8	41.2	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	25.1	32.2	33.7	39.5	41.8	42.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 16000	25.3	32.2	33.7	39.5	41.8	42.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 14000	25.3	32.2	33.7	39.5	41.8	42.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 12000	25.7	32.8	34.3	40.2	42.5	42.6	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 10000	28.8	36.3	37.8	44.0	46.3	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 9000	30.2	38.2	39.8	46.0	48.3	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 8000	32.3	43.0	45.0	52.3	55.2	55.5	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 7000	35.7	46.2	48.2	56.3	59.2	59.5	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 6000	35.2	46.8	48.8	57.2	60.0	60.3	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	38.2	49.8	51.8	60.3	64.0	64.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500	39.5	51.7	53.7	62.3	66.2	66.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	43.5	55.7	58.0	69.5	73.5	73.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	47.5	61.2	63.5	74.7	78.7	79.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	53.3	68.0	70.7	83.2	88.3	88.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	54.8	69.7	72.3	84.8	90.0	90.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	57.1	73.2	76.0	88.8	94.2	94.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	57.0	73.3	76.2	89.3	94.8	95.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	57.2	73.5	76.5	90.0	95.5	96.0	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	57.2	73.7	76.8	91.0	96.5	97.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	57.3	73.8	77.3	91.3	96.8	97.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	57.3	73.8	77.0	91.3	96.8	97.3	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	57.3	73.8	77.3	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	57.3	73.8	77.3	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	57.3	73.8	77.0	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	57.3	73.8	77.0	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	57.3	73.8	77.0	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	57.3	73.8	77.0	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0
≥ 200	57.3	73.8	77.0	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0
≥ 100	57.3	73.8	77.0	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0
≥ 0	57.3	73.8	77.0	91.3	97.0	97.5	99.3	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

100335
STATION

FINTHEN AAF, DL
STATION NAME

73-61
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1220-1400
SOURCE

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	23.9	30.4	30.9	32.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 20000	26.9	34.1	34.9	36.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 18000	27.1	34.9	35.4	37.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 16000	27.1	34.8	35.4	37.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 14000	27.3	34.9	35.6	37.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	26.9	36.1	36.4	39.1	41.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 10000	33.7	37.9	38.4	41.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 9000	31.9	40.3	40.9	43.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 8000	37.6	47.1	47.8	50.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 7000	41.1	51.1	51.7	54.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 6000	41.1	51.1	51.7	54.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 5000	44.4	55.2	55.9	58.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4500	47.6	58.7	59.4	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	54.9	66.7	67.6	70.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3500	61.2	74.2	75.3	79.0	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	66.4	82.7	83.7	88.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	69.6	84.4	85.4	90.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	71.9	87.9	88.9	94.0	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	71.9	88.5	89.5	94.8	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	72.2	89.0	90.0	95.5	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	72.4	89.4	90.3	96.0	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	72.4	89.4	90.3	96.0	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	72.4	89.4	90.3	96.0	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	72.4	89.4	90.3	96.0	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	72.4	89.4	90.3	96.0	98.2	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	72.4	89.4	90.3	96.0	98.2	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	72.4	89.4	90.3	96.0	98.2	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	72.4	89.4	90.3	96.0	98.2	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	72.4	89.4	90.3	96.0	98.2	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	72.4	89.4	90.3	96.0	98.2	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	72.4	89.4	90.3	96.0	98.2	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	72.4	89.4	90.3	96.0	98.2	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 601

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335 FINTHEN AAF, DL

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-1700
HOURLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.4	≥.4	≥.4
NO CEILING	27.6	35.0	35.3	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 2000	29.7	37.7	38.6	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
M 18000	29.9	37.9	38.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
M 16000	29.9	37.9	38.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
M 14000	29.9	37.9	38.7	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
M 12000	30.9	38.9	39.8	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
M 10000	33.4	42.3	43.2	44.5	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
M 9000	35.3	44.5	45.4	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
M 8000	44.0	54.9	55.8	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
M 7000	45.1	57.3	58.2	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
M 6000	46.4	57.8	58.7	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
M 5000	50.7	63.1	64.0	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4500	54.3	67.6	68.4	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000	60.4	75.4	76.5	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 3500	66.7	83.1	84.6	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	72.5	91.0	92.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	73.4	92.5	94.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	74.6	94.4	95.9	98.1	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	74.6	94.4	95.9	98.1	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.3	95.1	96.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 586

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

18335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

JUL
MONTH
1800-2000
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	34.0	41.3	41.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 20000	38.1	47.0	47.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 18000	38.3	47.2	47.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 16000	38.3	47.2	47.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 14000	39.7	47.6	48.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	39.5	49.3	49.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	42.1	52.6	53.4	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	43.7	54.7	55.5	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 8000	51.2	64.6	65.4	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	54.0	68.3	68.8	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	54.3	68.4	69.2	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 5000	59.3	73.7	74.7	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	61.3	76.9	77.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	64.8	81.2	82.8	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	68.8	85.6	87.2	90.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	71.9	89.5	91.3	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	73.3	91.1	92.9	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	74.9	92.9	94.7	98.6	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	74.9	92.9	94.7	98.6	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 526

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

USE WITH CARE
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2.2	≥1.7	≥1.4	≥1.1	≥0.9	≥0.7	≥0.5	≥0.3	≥0.1	≥0
NO CEILING	25.5	32.9	33.5	36.5	37.7	37.9	38.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	28.9	36.7	37.5	40.7	42.2	42.5	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2
≥ 18000	28.9	37.2	38.0	41.3	42.8	43.0	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 16000	28.9	37.2	38.0	41.3	42.8	43.0	43.4	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 14000	29.9	37.3	38.1	41.4	42.9	43.1	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 12000	29.9	38.3	39.1	42.4	43.9	44.2	44.5	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9
≥ 10000	32.4	41.3	42.2	45.7	47.3	47.6	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	33.8	43.1	44.0	47.5	49.1	49.4	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 8000	39.7	50.8	51.8	55.8	57.8	58.1	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000	42.2	53.8	54.9	59.4	61.6	61.9	62.4	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8
≥ 6000	42.5	54.2	55.2	59.9	62.1	62.4	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3
≥ 5000	45.9	58.7	59.9	64.9	67.3	67.7	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	48.2	61.6	62.8	68.0	70.4	70.8	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000	53.2	67.6	69.1	75.0	77.5	78.0	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	57.5	72.6	74.4	80.7	83.4	83.8	84.4	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8
≥ 3000	62.0	78.2	80.4	87.7	90.8	91.2	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	63.0	79.7	81.9	89.2	92.4	93.0	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	64.7	82.2	84.5	92.3	95.7	96.2	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	64.9	82.6	84.8	92.8	96.2	96.7	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	65.1	82.9	85.2	93.3	96.8	97.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	65.2	83.0	85.3	93.7	97.2	97.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	65.2	83.1	85.4	93.8	97.3	97.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	65.2	83.1	85.4	93.8	97.3	97.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	65.2	83.1	85.4	93.8	97.3	98.0	99.1	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3000

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

18335
STATION

FINTHEN AAF, DL
STATION NAME

73, 75-77, 80-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	32.3	35.2	35.2	41.8	46.7	49.2	49.2	52.5	52.5	53.3	54.9	54.9	54.9	54.9	54.9	55.7
≥ 20000	34.4	37.7	37.7	44.3	49.2	51.6	52.5	55.7	55.7	56.6	58.2	58.2	58.2	58.2	58.2	59.0
IVM 18000	34.4	37.7	37.7	44.3	49.2	51.6	52.5	55.7	55.7	56.6	58.2	58.2	58.2	58.2	58.2	59.0
IVM 16000	35.2	38.5	38.5	45.1	50.0	52.5	53.3	56.6	56.6	57.4	59.0	59.0	59.0	59.0	59.0	59.8
IVM 14000	35.2	38.5	38.5	45.1	50.0	53.3	54.1	57.4	57.4	58.2	59.8	59.8	59.8	59.8	59.8	60.7
IVM 12000	36.1	39.3	39.3	46.7	51.6	54.9	55.7	59.0	59.0	59.8	61.5	61.5	61.5	61.5	61.5	62.3
IVM 10000	36.9	41.8	41.8	50.0	54.9	59.0	59.8	63.1	63.1	63.9	65.6	65.6	65.6	65.6	65.6	66.4
IVM 9000	37.7	42.6	42.6	50.8	55.7	59.8	61.5	64.8	64.8	65.6	67.2	67.2	67.2	67.2	67.2	68.0
IVM 8000	38.5	43.4	43.4	53.3	59.8	64.8	66.4	69.7	69.7	70.5	72.1	72.1	72.1	72.1	73.0	73.8
IVM 7000	38.5	43.4	43.4	54.1	61.5	66.4	68.0	71.3	71.3	72.1	73.8	73.8	73.8	73.8	74.6	75.4
IVM 6000	38.5	43.4	43.4	54.1	61.5	66.4	68.0	71.3	71.3	72.1	73.8	73.8	73.8	73.8	74.6	75.4
IVM 5000	39.3	44.3	44.3	54.9	63.1	68.0	69.7	73.0	73.0	73.8	75.4	75.4	75.4	75.4	76.2	77.0
IVM 4500	41.0	45.9	45.9	58.2	66.4	71.3	73.0	76.2	76.2	77.0	78.7	78.7	78.7	78.7	79.5	80.3
IVM 4000	41.8	46.7	47.5	59.8	68.0	73.0	74.6	77.9	77.9	78.7	80.3	80.3	80.3	80.3	81.1	82.0
IVM 3500	43.4	48.4	50.0	63.9	72.1	77.0	78.7	82.0	82.0	82.8	84.4	84.4	84.4	84.4	85.2	86.1
IVM 3000	46.7	53.3	54.9	70.5	78.7	83.6	85.2	88.5	88.5	89.3	91.0	91.0	91.0	91.0	91.8	92.6
IVM 2500	47.5	54.9	56.6	72.1	81.1	86.1	87.7	91.0	91.0	91.8	93.4	93.4	93.4	93.4	94.3	95.1
IVM 2000	48.4	55.7	57.4	73.0	82.0	86.9	88.5	91.8	91.8	92.6	94.3	94.3	94.3	95.1	95.1	95.9
IVM 1800	48.4	55.7	57.4	73.0	82.0	86.9	88.5	91.8	91.8	92.6	94.3	94.3	94.3	95.1	95.1	95.9
IVM 1500	48.4	55.7	57.4	73.0	82.0	86.9	88.5	91.8	91.8	92.6	94.3	94.3	94.3	95.1	95.1	95.9
IVM 1200	48.4	55.7	57.4	73.8	82.8	87.7	89.3	92.6	92.6	93.4	95.1	95.1	95.1	95.9	95.9	96.7
IVM 1000	48.4	55.7	57.4	73.8	82.8	87.7	89.3	92.6	92.6	93.4	95.1	95.1	95.1	95.9	95.9	96.7
IVM 900	48.4	55.7	57.4	73.8	82.8	87.7	89.3	92.6	92.6	93.4	95.1	95.1	95.1	95.9	95.9	96.7
IVM 800	48.4	55.7	57.4	73.8	82.8	87.7	89.3	92.6	92.6	93.4	95.1	95.1	95.1	95.9	95.9	96.7
IVM 700	48.4	55.7	57.4	74.6	83.6	88.5	90.2	93.4	93.4	94.3	95.9	95.9	95.9	96.7	96.7	97.5
IVM 600	48.4	55.7	57.4	74.6	83.6	88.5	90.2	93.4	93.4	94.3	95.9	95.9	95.9	96.7	96.7	97.5
IVM 500	48.4	55.7	57.4	74.6	83.6	88.5	90.2	93.4	93.4	94.3	95.9	95.9	95.9	96.7	96.7	97.5
IVM 400	48.4	55.7	57.4	74.6	83.6	88.5	90.2	93.4	93.4	94.3	95.9	95.9	95.9	96.7	96.7	97.5
IVM 300	48.4	55.7	57.4	74.6	83.6	88.5	90.2	93.4	93.4	94.3	95.9	95.9	95.9	96.7	96.7	97.5
IVM 200	48.4	55.7	57.4	74.6	83.6	88.5	90.2	93.4	93.4	94.3	95.9	95.9	95.9	96.7	96.7	97.5
IVM 100	48.4	55.7	57.4	74.6	83.6	88.5	90.2	93.4	93.4	94.3	95.9	95.9	95.9	96.7	96.7	97.5
IVM 0	48.4	55.7	57.4	74.6	83.6	88.5	90.2	93.4	93.4	94.3	95.9	95.9	95.9	96.7	96.7	97.5

TOTAL NUMBER OF OBSERVATIONS 122

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10F335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	22.8	29.3	37.3	37.2	40.1	41.4	43.2	44.9	45.4	45.7	45.9	45.9	46.6	46.7	46.7	47.4
≥ 20000	26.5	34.2	35.3	43.0	47.3	48.6	50.5	52.2	52.7	53.3	53.4	53.4	54.1	54.3	54.3	55.0
IV 18000	26.9	34.8	35.8	43.5	47.8	49.3	51.0	52.7	53.3	53.8	53.9	53.9	54.6	54.8	54.8	55.5
IV 16000	27.1	35.1	36.1	43.8	48.1	49.7	51.4	53.1	53.6	54.1	54.3	54.3	55.0	55.1	55.1	55.8
IV 14000	27.4	35.6	36.6	44.3	48.8	50.3	52.1	53.8	54.3	54.8	55.0	55.0	55.7	55.8	55.8	56.5
IV 12000	27.7	36.1	37.2	44.9	49.3	50.9	52.6	54.3	54.8	55.3	55.5	55.5	56.2	56.3	56.3	57.0
IV 10000	28.4	37.3	39.1	47.3	52.4	54.1	56.2	58.0	58.6	59.1	59.2	59.2	59.9	60.1	60.1	60.8
IV 9000	30.5	39.9	42.0	50.3	55.5	57.2	59.8	61.6	62.2	62.7	62.8	62.8	63.5	63.9	63.9	64.6
IV 8000	32.4	42.5	45.2	55.3	62.2	63.9	66.8	68.8	69.5	70.2	70.4	70.4	71.1	71.6	71.7	72.4
IV 7000	33.9	44.0	46.9	58.4	65.8	67.5	70.4	72.4	73.1	73.8	74.0	74.0	74.7	75.2	75.3	76.0
IV 6000	33.9	44.0	46.9	58.4	65.8	67.5	70.5	72.6	73.3	74.0	74.1	74.1	74.8	75.3	75.5	76.2
IV 5000	34.9	45.2	48.1	59.9	67.5	69.2	72.4	74.5	75.2	75.9	76.0	76.0	76.7	77.2	77.4	78.1
IV 4500	35.4	46.1	49.0	61.0	68.7	70.4	73.6	75.7	76.4	77.1	77.2	77.2	77.9	78.4	78.6	79.3
IV 4000	36.6	47.8	50.7	63.9	72.4	74.3	77.7	79.8	80.5	81.2	81.3	81.3	82.0	82.5	82.7	83.4
IV 3500	37.8	49.1	52.2	66.3	75.9	77.9	81.5	83.9	84.6	85.4	85.6	85.6	86.5	87.0	87.2	87.8
IV 3000	39.4	51.4	54.6	69.7	79.8	81.8	86.1	88.5	89.2	90.4	90.6	90.6	91.4	92.0	92.1	92.8
IV 2500	39.4	51.7	55.0	73.4	80.8	82.9	87.2	89.6	90.2	91.4	91.6	91.6	92.5	93.0	93.2	93.8
IV 2000	39.9	52.4	55.8	71.6	82.4	84.6	89.2	91.6	92.3	93.5	93.7	93.7	94.5	95.0	95.2	95.9
IV 1800	39.9	52.4	55.8	71.7	82.5	84.9	89.4	91.8	92.5	93.7	93.8	93.8	94.7	95.2	95.4	96.1
IV 1500	40.6	53.4	56.8	72.9	84.1	86.6	91.3	93.7	94.3	95.5	95.7	95.7	96.6	97.1	97.3	97.9
IV 1200	40.6	53.4	56.8	73.1	84.2	86.8	91.4	93.8	94.5	95.7	95.9	95.9	96.7	97.3	97.4	98.1
IV 1000	40.6	53.4	56.8	73.1	84.4	87.0	91.6	94.0	94.7	95.9	96.1	96.1	96.9	97.4	97.6	98.3
IV 900	40.6	53.4	56.8	73.3	84.6	87.2	92.0	94.3	95.0	96.2	96.4	96.4	97.3	97.8	97.9	98.6
IV 800	40.6	53.4	56.8	73.3	84.8	87.3	92.1	94.5	95.2	96.6	96.7	96.7	97.6	98.1	98.3	99.0
IV 700	40.6	53.4	56.8	73.3	84.8	87.3	92.1	94.5	95.2	96.6	96.7	96.7	97.6	98.1	98.3	99.0
IV 600	40.6	53.4	56.8	73.3	84.8	87.3	92.1	94.5	95.2	96.6	96.7	96.7	97.6	98.1	98.3	99.0
IV 500	40.6	53.4	56.8	73.3	84.8	87.3	92.1	94.5	95.2	96.7	96.9	96.9	97.8	98.3	98.5	99.1
IV 400	40.6	53.4	56.8	73.3	84.8	87.3	92.1	94.5	95.2	96.7	96.9	96.9	97.8	98.3	98.5	99.1
IV 300	40.6	53.4	56.8	73.3	84.8	87.3	92.3	94.7	95.4	96.9	97.1	97.1	97.9	98.5	98.6	99.3
IV 200	40.6	53.4	56.8	73.3	84.8	87.3	92.3	94.7	95.4	96.9	97.1	97.1	97.9	98.5	98.8	99.5
IV 100	40.6	53.4	56.8	73.3	84.8	87.3	92.3	94.7	95.4	96.9	97.1	97.1	97.9	98.5	99.0	99.8
IV 0	40.6	53.4	56.8	73.3	84.8	87.3	92.3	94.7	95.4	96.9	97.1	97.1	97.9	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 584

CLERICAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10:335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEAR

ANC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	22.4	31.4	34.1	43.4	46.5	47.1	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	24.5	35.0	39.0	49.1	52.5	53.2	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	25.4	35.8	38.8	49.9	53.4	54.0	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	25.4	36.3	39.3	50.1	53.5	54.2	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	26.0	36.7	39.6	50.7	54.2	54.8	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	26.5	37.2	40.1	51.2	54.7	55.3	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	28.2	39.3	42.4	54.2	57.9	58.6	60.1	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000	28.5	40.1	43.5	55.8	59.6	60.2	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	30.3	42.9	46.3	59.7	65.0	66.0	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	31.3	44.5	48.3	61.9	67.3	68.4	70.9	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	31.8	45.2	48.6	62.7	68.1	69.2	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	32.1	45.7	49.1	64.0	69.4	70.5	73.0	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	32.2	46.2	49.8	64.6	70.2	71.4	73.8	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000	36.3	50.7	54.3	70.7	76.6	77.9	80.5	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	36.5	52.9	57.3	74.3	80.5	82.0	85.1	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	40.8	56.0	60.7	78.7	85.8	87.0	90.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	41.2	56.8	61.5	79.9	87.6	89.4	92.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	41.6	57.4	62.2	80.7	88.4	90.2	93.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	41.6	57.6	62.4	81.0	88.7	90.7	93.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	41.7	58.1	63.1	82.0	90.3	92.5	95.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	41.7	58.1	63.0	83.1	91.5	93.6	97.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	41.7	58.1	63.0	83.3	91.7	93.8	97.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	41.7	58.1	63.0	83.5	91.8	93.9	97.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	41.7	58.1	63.0	83.5	91.8	93.9	97.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	41.7	58.1	63.0	83.5	92.0	94.1	97.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	41.7	58.1	63.0	83.5	92.0	94.1	97.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	41.7	58.1	63.0	83.5	92.0	94.1	97.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	41.7	58.1	63.0	83.5	92.0	94.1	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	41.7	58.1	63.0	83.5	92.0	94.1	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	41.7	58.1	63.0	83.5	92.0	94.1	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	41.7	58.1	63.0	83.5	92.0	94.1	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	41.7	58.1	63.0	83.5	92.0	94.1	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 611

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10335 FINTHEN AAF, DL
STATION NAME

73-81
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	28.9	36.0	36.7	42.9	43.6	43.9	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	32.4	40.6	41.6	49.2	50.0	50.3	50.5	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7
IV 18000	33.1	41.1	42.1	49.7	50.5	50.8	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2
IV 16000	33.1	41.1	42.1	49.7	50.5	50.8	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2
IV 14000	33.1	41.1	42.1	49.8	50.7	51.0	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3
IV 12000	33.6	41.6	42.6	50.7	51.5	51.8	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
IV 10000	36.8	45.6	46.7	55.1	56.4	56.7	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1
IV 9000	38.5	47.2	48.4	56.9	58.4	58.7	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0
IV 8000	41.1	51.2	52.5	61.3	63.2	63.8	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
IV 7000	42.3	52.8	54.3	64.0	65.8	66.4	66.6	66.6	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8
IV 6000	42.6	53.3	54.8	64.6	66.4	67.1	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
IV 5000	44.2	55.1	56.6	66.8	68.6	69.2	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6
IV 4500	44.9	55.9	57.4	67.6	69.4	70.1	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4
IV 4000	51.3	63.2	65.3	76.0	78.0	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500	55.3	68.1	70.7	82.2	84.4	85.0	85.9	85.9	85.9	85.9	86.0	86.2	86.2	86.2	86.2	86.2
IV 3000	59.9	73.5	77.3	90.1	92.6	93.3	94.1	94.1	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4
IV 2500	60.7	74.3	78.1	91.0	93.6	94.2	95.1	95.1	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.4
IV 2000	61.3	75.5	79.3	92.6	95.2	95.9	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	61.5	75.7	79.4	92.8	95.4	96.1	97.0	97.0	97.0	97.0	97.2	97.4	97.4	97.4	97.4	97.4
IV 1500	61.5	75.7	79.4	93.4	96.4	97.0	98.2	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7
IV 1200	61.7	76.2	79.9	94.1	97.0	97.7	98.8	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3
IV 1000	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5
IV 900	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5
IV 800	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5
IV 700	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5
IV 600	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5
IV 500	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7
IV 400	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.7	99.7	99.7
IV 300	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.8	99.8	99.8
IV 200	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.8	99.8	99.8
IV 100	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.8	99.8	99.8
IV 0	61.7	76.3	80.1	94.2	97.2	97.9	99.0	99.0	99.2	99.2	99.3	99.5	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 608

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-335 STATION FINTHEN AAF, DL STATION NAME 73-61 YEARS 1500-1700 MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	33.0	37.9	40.8	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	37.3	45.7	47.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	38.0	46.4	47.8	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	38.0	46.4	47.8	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	38.0	46.4	47.8	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	38.7	47.3	48.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 10000	43.0	52.2	53.8	59.4	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	44.0	53.4	55.0	60.6	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	47.6	57.9	59.9	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000	49.1	60.1	62.0	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	49.3	60.3	62.2	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	51.7	62.8	64.7	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	53.9	65.4	67.3	74.5	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	63.2	76.0	78.1	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	67.3	80.7	82.9	90.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	69.9	83.7	86.3	94.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	70.0	83.9	86.3	95.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	70.2	84.4	86.8	95.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	70.2	84.6	87.7	96.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	70.7	85.3	87.7	97.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	70.7	85.8	88.2	97.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 584

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AND WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335
STATION

FINTHEN AAF, DL
STATION NAME

73-61
YEARS

1955-1956
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1955-1956
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	37.7	46.2	47.3	50.1	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	44.4	55.2	56.6	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	45.2	56.0	57.4	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	47.2	56.0	57.4	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	45.4	56.2	57.6	61.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	45.6	57.2	58.6	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	51.1	63.1	64.5	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	52.5	64.5	65.9	70.4	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	57.0	71.0	72.8	78.1	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	59.0	72.0	73.8	79.1	79.9	79.9	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	58.4	72.4	74.2	79.7	80.5	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	61.1	75.1	76.9	82.4	83.2	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	62.3	76.5	78.3	83.8	84.6	84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	66.7	81.3	83.2	88.8	89.7	89.7	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	68.2	83.2	85.2	90.7	91.6	91.6	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	70.8	86.2	88.2	94.3	95.5	95.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	71.4	86.8	88.8	94.9	96.1	96.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	71.6	87.2	89.2	95.3	96.4	96.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	71.8	87.4	89.3	95.5	96.6	96.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	71.8	87.4	89.3	96.1	97.2	97.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	71.8	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	71.5	88.0	89.9	96.6	97.8	97.8	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 507

FEDERAL BUREAU OF SURVEY
 CLIMATE DIVISION
 CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

U.S. GOVERNMENT PRINTING OFFICE
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

10-335 STATION FINTHEN AAF, DL

73-81

MON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0.01
NO CEILING	28.8	36.2	37.4	43.3	45.0	45.5	46.2	46.7	46.8	46.9	47.0	47.0	47.2	47.2	47.2	47.4
≥20000	32.9	41.6	43.1	50.2	52.2	52.6	53.5	54.0	54.1	54.3	54.4	54.4	54.5	54.6	54.6	54.7
≥18000	33.4	42.2	43.7	50.9	52.9	53.4	54.1	54.6	54.8	54.9	55.0	55.0	55.2	55.2	55.2	55.4
≥16000	33.4	42.3	43.8	51.0	53.0	53.6	54.3	54.8	54.9	55.0	55.2	55.2	55.3	55.3	55.3	55.5
≥14000	33.7	42.6	44.1	51.3	53.3	53.9	54.6	55.1	55.3	55.4	55.5	55.5	55.7	55.7	55.7	55.9
≥12000	34.1	43.3	44.8	52.2	54.2	54.8	55.5	56.0	56.1	56.3	56.4	56.4	56.5	56.6	56.6	56.7
≥10000	37.0	46.8	48.5	56.4	58.8	59.5	60.2	60.8	60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.5
≥9000	38.3	48.3	50.1	58.2	60.6	61.3	62.2	62.8	62.9	63.1	63.2	63.2	63.3	63.4	63.4	63.6
≥8000	41.0	52.1	54.3	63.3	66.4	67.3	68.5	69.1	69.3	69.4	69.6	69.6	69.7	69.8	69.9	70.0
≥7000	42.2	53.7	55.9	65.6	68.9	69.6	71.0	71.7	71.9	72.0	72.1	72.1	72.3	72.4	72.5	72.6
≥6000	42.5	54.3	56.7	66.0	69.3	70.3	71.5	72.1	72.3	72.5	72.6	72.6	72.7	72.9	72.9	73.1
≥5000	44.1	55.7	57.9	68.0	71.4	72.3	73.6	74.3	74.5	74.6	74.8	74.8	74.9	75.0	75.1	75.3
≥4500	45.0	56.9	59.7	69.4	72.9	73.8	75.1	75.8	76.0	76.1	76.3	76.3	76.4	76.5	76.6	76.8
≥4000	49.9	62.5	65.7	75.9	79.7	80.7	82.1	82.7	82.9	83.1	83.2	83.2	83.4	83.5	83.6	83.7
≥3500	52.5	65.5	68.4	79.9	84.2	85.2	86.9	87.6	87.8	88.0	88.2	88.2	88.3	88.5	88.5	88.7
≥3000	55.3	69.3	72.1	84.6	89.3	90.5	92.3	93.2	93.4	93.7	93.8	93.8	94.0	94.1	94.2	94.3
≥2500	55.7	69.6	72.9	85.4	91.3	91.5	93.4	94.2	94.4	94.7	94.8	94.8	95.0	95.1	95.2	95.4
≥2000	56.1	70.3	73.5	86.4	91.3	92.6	94.5	95.4	95.6	95.9	96.0	96.0	96.2	96.3	96.4	96.6
≥1800	56.2	70.4	73.7	86.6	91.6	92.9	94.8	95.7	95.9	96.2	96.3	96.3	96.5	96.7	96.7	96.9
≥1500	56.4	70.8	74.1	87.5	92.7	94.1	96.2	97.0	97.2	97.5	97.7	97.7	97.9	98.0	98.1	98.2
≥1200	56.5	71.1	74.4	88.1	93.4	94.7	96.8	97.6	97.9	98.2	98.4	98.4	98.6	98.7	98.8	98.9
≥1000	56.5	71.2	74.4	88.2	93.5	94.8	96.9	97.8	98.1	98.4	98.6	98.6	98.8	98.9	99.0	99.1
≥900	56.5	71.2	74.4	88.3	93.5	94.9	97.0	97.9	98.2	98.5	98.7	98.7	98.9	99.0	99.1	99.2
≥800	56.5	71.2	74.4	88.3	93.6	94.9	97.1	98.0	98.2	98.6	98.7	98.7	98.9	99.1	99.1	99.3
≥700	56.5	71.2	74.4	88.3	93.6	95.0	97.1	98.0	98.3	98.7	98.8	98.8	99.0	99.1	99.2	99.4
≥600	56.5	71.2	74.4	88.3	93.6	95.0	97.2	98.1	98.3	98.7	98.8	98.8	99.0	99.2	99.3	99.4
≥500	56.5	71.2	74.4	88.3	93.6	95.0	97.2	98.1	98.3	98.8	99.0	99.0	99.2	99.4	99.4	99.6
≥400	56.5	71.2	74.4	88.3	93.6	95.0	97.2	98.1	98.4	98.9	99.0	99.0	99.3	99.4	99.5	99.7
≥300	56.5	71.2	74.4	88.3	93.6	95.1	97.3	98.2	98.5	99.0	99.1	99.1	99.4	99.6	99.6	99.8
≥200	56.5	71.2	74.4	88.3	93.6	95.1	97.3	98.2	98.5	99.0	99.1	99.1	99.4	99.6	99.7	99.8
≥100	56.5	71.2	74.4	88.3	93.6	95.1	97.3	98.2	98.5	99.0	99.1	99.1	99.4	99.6	99.7	99.9
≥0	56.5	71.2	74.4	88.3	93.6	95.1	97.3	98.2	98.5	99.0	99.1	99.1	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3016

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16335
STATION

FINTHEN AAF, DL
STATION NAME

73-77,80-81
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	25.2	32.7	34.6	44.9	46.7	47.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	56.1	56.1	57.0
≥ 20000	27.1	33.6	35.5	45.8	47.7	48.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	57.0	57.0	57.9
≥ 18000	27.1	33.6	35.5	45.8	47.7	48.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	57.0	57.0	57.9
≥ 16000	27.1	33.6	35.5	45.8	47.7	48.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	57.0	57.0	57.9
≥ 14000	27.1	33.6	35.5	45.8	47.7	48.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	57.0	57.0	57.9
≥ 12000	27.1	33.6	35.5	45.8	47.7	48.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	57.0	57.0	57.9
≥ 10000	28.0	35.5	37.4	47.7	50.5	51.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0	59.8	59.8	60.7
≥ 9000	28.0	36.4	38.3	48.6	51.4	52.3	57.9	58.9	58.9	58.9	58.9	58.9	58.9	61.7	61.7	62.6
≥ 8000	29.7	39.3	41.1	54.2	57.0	57.9	63.6	64.5	64.5	64.5	64.5	64.5	64.5	67.3	67.3	68.2
≥ 7000	29.7	40.2	42.1	55.1	57.9	58.9	64.5	65.4	65.4	65.4	65.4	65.4	65.4	69.2	69.2	70.1
≥ 6000	29.7	40.2	43.0	56.1	58.9	60.7	66.4	67.3	67.3	67.3	67.3	67.3	67.3	71.0	71.0	72.0
≥ 5000	30.8	41.1	44.9	59.8	63.6	65.4	71.0	72.0	72.0	72.0	72.0	72.0	72.0	75.7	75.7	76.6
≥ 4500	32.7	43.9	47.7	62.6	67.3	69.2	74.8	75.7	75.7	75.7	75.7	75.7	75.7	79.4	79.4	80.4
≥ 4000	35.5	46.7	50.5	66.4	72.0	73.6	79.4	80.4	80.4	80.4	80.4	80.4	80.4	84.1	84.1	85.0
≥ 3500	35.5	46.7	50.5	66.4	72.9	74.8	80.4	81.3	81.3	81.3	81.3	81.3	81.3	85.0	85.0	86.0
≥ 3000	35.5	46.7	50.5	68.2	75.7	77.6	83.2	84.1	84.1	84.1	84.1	84.1	84.1	87.9	87.9	88.9
≥ 2500	35.5	46.7	50.5	69.2	76.6	78.5	84.1	85.0	85.0	85.0	85.0	85.0	85.0	88.8	88.8	89.7
≥ 2000	35.5	47.7	51.4	70.1	78.5	80.4	86.0	86.9	86.9	86.9	86.9	86.9	86.9	90.7	90.7	91.6
≥ 1800	35.5	47.7	51.4	70.1	78.5	80.4	86.0	86.9	86.0	86.9	86.0	86.9	86.9	90.7	90.7	91.6
≥ 1500	36.4	49.5	53.3	72.9	80.4	82.2	87.9	89.7	89.7	89.7	89.7	89.7	89.7	93.5	93.5	94.4
≥ 1200	36.4	49.5	53.3	72.9	81.3	83.2	88.8	90.7	90.7	90.7	90.7	90.7	90.7	94.4	94.4	95.3
≥ 1000	36.4	49.5	53.3	72.9	81.3	83.2	89.7	91.6	91.6	91.6	91.6	91.6	91.6	95.3	95.3	96.3
≥ 900	36.4	49.5	53.3	72.9	81.3	83.2	89.7	91.6	91.6	91.6	91.6	91.6	91.6	95.3	95.3	96.3
≥ 800	36.4	49.5	53.3	72.9	81.3	83.2	89.7	91.6	91.6	91.6	91.6	91.6	91.6	95.3	95.3	96.3
≥ 700	36.4	49.5	53.3	72.9	81.3	83.2	89.7	91.6	91.6	91.6	91.6	91.6	91.6	95.3	95.3	96.3
≥ 600	36.4	49.5	53.3	72.9	81.3	83.2	89.7	91.6	91.6	91.6	91.6	91.6	91.6	95.3	95.3	96.3
≥ 500	36.4	49.5	53.3	72.9	81.3	83.2	89.7	91.6	91.6	91.6	91.6	91.6	91.6	95.3	95.3	96.3
≥ 400	35.4	49.5	53.3	72.9	81.3	83.2	89.7	91.6	91.6	91.6	91.6	91.6	91.6	95.3	95.3	96.3
≥ 300	36.4	49.5	53.3	72.9	81.3	83.2	89.7	92.5	92.5	92.5	92.5	92.5	92.5	96.3	96.3	97.2
≥ 200	36.4	49.5	53.3	72.9	81.3	83.2	89.7	92.5	92.5	92.5	92.5	92.5	92.5	96.3	96.3	98.1
≥ 100	36.4	49.5	53.3	72.9	81.3	83.2	89.7	92.5	92.5	92.5	92.5	92.5	92.5	96.3	96.3	98.1
≥ 0	36.4	49.5	53.3	72.9	81.3	83.2	89.7	92.5	92.5	92.5	92.5	92.5	92.5	96.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 107

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-335 FINTHEN AAF, DL

73-61

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2633-8222
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	16.5	21.5	22.6	26.2	30.1	32.3	33.3	35.4	36.2	37.4	37.6	38.2	38.4	39.8	40.2	41.3
≥ 20000	18.3	24.2	25.4	29.1	33.5	35.8	37.2	39.2	40.0	41.3	41.5	42.1	42.3	43.7	44.1	45.1
≥ 18000	18.7	24.6	25.8	29.5	33.9	36.2	37.6	39.6	40.4	41.7	41.9	42.5	42.7	44.1	44.5	45.5
≥ 16000	18.7	24.6	25.8	29.5	33.9	36.2	37.6	39.6	40.4	41.7	41.9	42.5	42.7	44.1	44.5	45.5
≥ 14000	18.7	24.6	25.8	29.5	33.9	36.2	37.6	39.6	40.4	41.7	41.9	42.5	42.7	44.1	44.5	45.5
≥ 12000	18.7	24.8	26.1	30.1	35.0	37.2	38.6	40.7	41.5	42.7	42.9	43.5	43.7	45.1	45.5	46.5
≥ 10000	20.7	27.0	28.3	33.1	38.6	41.1	42.7	44.7	45.5	46.7	47.0	47.6	47.8	49.2	49.6	51.0
≥ 9000	21.3	27.6	28.9	33.7	39.6	42.1	43.7	45.7	46.5	47.8	48.0	48.8	49.0	50.4	50.8	52.2
≥ 8000	24.6	32.3	33.7	40.7	48.0	50.4	52.4	54.7	55.7	57.1	57.3	58.1	58.3	59.8	60.2	61.6
≥ 7000	25.9	33.9	35.4	43.1	51.8	54.3	56.7	58.9	60.0	61.4	61.8	62.6	63.0	64.8	65.2	66.7
≥ 6000	25.8	33.9	35.4	43.5	52.2	54.7	57.1	59.3	60.4	61.8	62.2	63.2	63.6	65.4	65.9	67.3
≥ 5000	28.3	37.2	38.6	47.2	56.3	58.7	61.2	63.6	64.6	66.1	66.5	67.5	67.9	69.7	70.1	71.5
≥ 4500	30.1	39.0	40.9	49.4	59.1	61.6	64.0	66.5	67.7	69.1	69.5	70.5	70.9	72.8	73.2	74.6
≥ 4000	32.5	42.1	43.9	52.4	62.8	65.7	68.5	71.1	72.4	73.8	74.2	75.2	76.0	77.8	78.3	79.7
≥ 3500	33.3	43.7	45.5	54.3	64.8	67.9	71.0	74.6	76.0	77.4	77.8	78.9	79.7	81.5	82.1	83.7
≥ 3000	36.0	46.7	48.6	57.5	69.3	72.6	76.4	80.5	81.9	83.3	83.9	85.0	85.8	87.6	88.2	89.8
≥ 2500	36.2	47.0	49.0	58.5	70.5	74.0	77.8	81.9	83.5	85.0	85.6	86.6	87.4	89.2	89.8	91.5
≥ 2000	37.6	48.8	50.8	60.4	72.4	75.8	79.7	83.7	85.4	86.8	87.4	88.4	89.2	91.1	91.7	93.3
≥ 1800	37.6	48.8	50.8	60.6	72.6	76.0	79.9	83.9	85.6	87.0	87.6	88.6	89.4	91.5	92.1	93.7
≥ 1500	38.0	49.4	51.4	61.2	73.2	76.6	80.5	84.8	86.4	87.8	88.4	89.4	90.2	92.3	92.9	94.5
≥ 1200	38.0	49.8	51.8	61.6	73.6	77.0	80.9	85.2	86.8	88.2	88.8	89.8	90.7	92.7	93.3	94.9
≥ 1000	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.5	93.5	94.1	95.7
≥ 900	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.5	93.5	94.1	95.7
≥ 800	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.5	93.5	94.1	95.7
≥ 700	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.5	93.5	94.1	95.7
≥ 600	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.5	93.5	94.1	95.7
≥ 500	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.5	93.7	94.3	95.9
≥ 400	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.5	93.7	94.3	95.9
≥ 300	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.5	93.9	94.5	96.3
≥ 200	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.6	90.7	91.7	94.3	94.9	97.2
≥ 100	38.0	50.2	52.2	62.0	74.4	77.8	81.7	86.0	87.6	89.0	89.5	90.7	91.7	94.3	94.9	99.2
U	38.2	50.4	52.4	62.2	74.6	78.0	81.9	86.2	87.8	89.2	89.8	90.9	91.9	94.5	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 492

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

100335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	16.2	22.2	24.0	30.7	34.9	35.9	38.3	39.5	40.5	40.7	40.9	41.3	41.3	41.7	41.9	42.1
≥ 20000	19.2	25.5	27.3	34.9	39.1	40.1	42.5	43.9	44.9	45.1	45.3	45.9	45.9	46.3	46.5	46.7
IV 18000	19.2	25.5	27.3	35.1	39.3	40.3	42.7	44.1	45.1	45.3	45.5	46.1	46.1	46.5	46.7	46.9
IV 6000	19.2	25.5	27.3	35.1	39.3	40.3	42.7	44.1	45.1	45.3	45.5	46.1	46.1	46.5	46.7	46.9
IV 14000	19.2	25.5	27.3	35.1	39.3	40.3	42.7	44.1	45.1	45.3	45.5	46.1	46.1	46.5	46.7	46.9
IV 12000	19.6	25.9	27.7	36.1	40.7	41.7	44.1	45.5	46.5	46.9	47.1	47.7	47.7	48.1	48.3	48.5
IV 10000	21.4	27.7	29.7	39.3	44.1	45.1	47.5	48.9	49.9	50.5	50.7	51.3	51.3	51.7	51.9	52.1
IV 9000	22.4	28.7	31.7	40.9	46.1	47.1	49.5	50.9	51.9	52.5	52.7	53.3	53.3	53.7	53.9	54.1
IV 8000	25.0	32.3	34.5	46.3	52.1	53.3	55.7	57.5	58.5	59.3	59.5	60.3	60.3	60.7	60.9	61.1
IV 7000	25.7	33.3	35.5	48.7	54.9	56.1	58.7	60.5	61.5	62.5	62.7	63.5	63.5	63.9	64.1	64.3
IV 6000	25.9	33.9	36.3	49.5	55.7	56.9	59.5	61.3	62.3	63.3	63.5	64.3	64.3	64.7	64.9	65.1
IV 5000	27.9	37.5	39.9	53.1	59.5	60.9	63.5	65.3	66.3	67.3	67.5	68.3	68.3	68.7	68.9	69.1
IV 4500	29.7	40.1	42.7	56.5	63.1	64.5	67.3	69.1	70.1	71.5	71.7	72.5	72.5	72.9	73.1	73.3
IV 4000	32.7	43.3	45.9	60.3	67.3	68.7	71.7	73.7	74.9	76.2	76.4	77.2	77.4	77.8	78.0	78.2
IV 3500	34.5	46.5	49.3	64.1	71.5	73.9	77.2	79.8	81.0	82.4	82.6	83.4	83.6	84.0	84.2	84.4
IV 3000	37.7	50.7	53.5	69.7	77.4	80.0	83.8	86.4	87.8	89.2	89.4	90.2	90.4	90.8	91.0	91.2
IV 2500	38.3	51.3	54.1	70.5	78.2	80.8	84.6	87.2	88.6	90.0	90.2	91.0	91.2	91.6	91.8	92.0
IV 2000	39.5	52.5	55.3	71.9	79.6	82.2	86.0	88.6	90.2	91.6	91.8	92.6	92.8	93.2	93.4	93.6
IV 1800	40.1	53.1	55.9	72.5	80.2	82.8	86.6	89.2	90.8	92.2	92.4	93.2	93.4	93.8	94.0	94.2
IV 1500	40.5	53.5	56.3	72.9	80.8	83.4	87.4	90.0	91.6	93.0	93.2	94.0	94.2	94.6	94.8	95.0
IV 1200	40.5	53.5	56.3	72.9	80.8	83.4	87.4	90.0	91.6	93.0	93.2	94.0	94.2	94.6	94.8	95.0
IV 1000	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 900	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 800	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 700	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 600	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 500	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 400	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 300	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 200	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 100	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6
IV 0	40.5	53.7	56.5	73.3	81.2	83.8	88.0	90.6	92.2	93.6	93.8	94.6	94.8	95.2	95.4	95.6

TOTAL NUMBER OF OBSERVATIONS 501

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

106335 FINTHEN AAF, DL

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	18.3	22.7	23.9	31.8	35.0	35.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000	21.9	27.6	29.7	37.6	41.0	41.2	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 18000	21.9	27.6	29.0	37.6	41.0	41.2	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 16000	21.9	27.6	29.7	37.6	41.0	41.2	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 14000	21.9	27.6	29.7	37.6	41.2	41.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 12000	22.5	28.2	29.8	38.6	42.5	42.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 10000	24.7	30.8	32.4	41.9	46.1	46.3	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
IV 9000	25.4	31.4	33.7	42.7	46.9	47.1	48.7	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 8000	30.4	38.2	40.2	50.7	55.9	56.1	57.7	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 7000	31.9	40.0	42.1	53.3	59.0	59.2	61.0	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 6000	31.8	40.0	42.1	53.3	59.0	59.2	61.0	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 5000	34.4	43.7	45.7	57.1	63.4	63.6	65.4	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 4500	36.4	45.9	48.1	60.0	66.2	66.4	68.2	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 4000	39.8	49.7	51.9	64.6	71.0	71.4	73.2	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 3500	45.1	56.1	58.6	71.8	78.7	79.3	81.3	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3000	51.5	63.8	66.4	81.3	88.1	88.7	91.1	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	52.7	65.4	68.7	82.9	89.9	90.5	93.0	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	52.9	66.2	68.8	84.1	91.3	92.0	94.4	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	52.9	66.2	68.8	84.1	91.3	92.0	94.4	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	53.5	67.2	69.8	85.3	92.6	93.2	95.8	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	54.1	67.8	70.4	85.9	93.2	93.8	96.4	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	54.1	67.8	70.4	86.1	93.4	94.0	96.6	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	54.1	67.8	70.4	86.1	93.4	94.2	96.8	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 497

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 8335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS - SY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	20.1	23.7	24.3	32.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 20000	25.7	31.1	32.0	40.2	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
18000	27.2	32.6	33.4	41.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
16000	27.2	32.6	33.4	41.7	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
14000	27.4	32.8	33.6	42.1	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
12000	29.2	33.6	34.4	42.9	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
10000	32.0	38.6	39.4	48.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
9000	33.4	40.0	40.9	49.8	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
8000	40.0	49.2	50.4	60.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
7000	41.7	51.2	52.5	63.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
6000	42.5	52.3	53.5	64.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
5000	44.2	54.4	55.6	67.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
4500	45.9	56.4	57.7	69.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
4000	50.8	62.7	63.9	76.3	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
3500	55.2	68.5	69.9	82.6	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
3000	59.8	74.7	76.3	90.2	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
2500	61.6	76.8	78.4	92.5	96.1	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2000	62.2	77.6	79.5	94.0	97.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1800	62.4	77.8	79.7	94.2	97.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1500	62.4	77.8	79.7	94.4	97.9	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1200	62.7	78.0	79.9	94.6	98.1	99.2	99.2	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1000	62.7	78.0	79.9	94.6	98.1	99.2	99.2	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	62.7	78.0	79.9	94.6	98.1	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 482

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.6335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1820-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	27.6	33.8	34.3	39.6	40.9	40.9	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	32.5	40.9	41.7	48.6	50.1	50.1	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 18000	34.0	42.7	43.5	50.4	51.9	51.9	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 16000	34.0	42.7	43.5	50.4	51.9	51.9	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 14000	34.3	43.2	44.0	50.9	52.4	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 12000	35.5	44.5	45.3	52.7	54.2	54.2	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 10000	38.9	48.6	49.6	57.5	59.1	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 9000	39.4	49.4	50.4	58.3	59.8	59.8	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 8000	45.5	56.0	57.3	65.5	67.5	67.5	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 7000	46.0	56.8	58.1	67.5	69.6	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 6000	46.0	56.8	58.1	67.5	69.6	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 5000	48.1	59.1	60.9	71.1	73.1	73.1	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4500	50.6	61.9	63.9	74.2	77.0	77.0	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 4000	54.0	66.5	69.1	79.8	83.1	83.1	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	56.8	69.6	72.1	84.4	87.7	88.0	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3000	59.8	73.9	77.7	91.0	94.9	95.1	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2500	60.9	75.4	78.5	92.8	96.7	97.2	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 2000	61.6	76.2	79.3	93.6	97.4	98.0	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800	61.6	76.2	79.3	93.6	97.4	98.0	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1500	61.9	76.5	79.5	93.9	97.7	98.2	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	62.1	76.7	79.8	94.1	98.0	98.5	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 391

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

USE WITH CAUTION
 SEE FIRST PAGE

CEILING VERSUS VISIBILITY

1 8335 FINTHEN AAF, DL

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.0
NO CEILING	19.7	24.7	25.8	32.3	35.1	35.6	37.1	37.8	38.1	38.4	38.5	38.7	38.7	39.2	39.4	39.6
≥ 20000	23.3	29.6	30.8	38.0	41.0	41.7	43.2	43.9	44.3	44.5	44.6	44.9	44.9	45.4	45.5	45.8
IV 18000	23.9	30.2	31.5	38.7	41.7	42.4	43.8	44.6	44.9	45.2	45.3	45.5	45.6	46.1	46.2	46.5
IV 16000	23.9	30.2	31.5	38.7	41.7	42.5	43.9	44.6	45.0	45.3	45.3	45.6	45.6	46.1	46.2	46.5
IV 14000	24.0	30.3	31.6	38.8	41.9	42.7	44.1	44.8	45.2	45.5	45.5	45.8	45.8	46.3	46.4	46.7
IV 12000	24.5	30.9	32.2	39.8	43.2	43.9	45.3	46.0	46.4	46.7	46.8	47.0	47.1	47.6	47.7	48.0
IV 10000	27.0	34.0	35.3	43.6	47.4	48.1	49.6	50.3	50.7	51.1	51.1	51.4	51.4	51.9	52.0	52.4
IV 9000	27.9	34.9	36.2	44.7	48.6	49.4	50.8	51.6	52.0	52.4	52.5	52.8	52.8	53.3	53.4	53.8
IV 8000	32.3	40.9	42.5	52.1	56.7	57.5	59.1	60.0	60.4	60.9	61.0	61.3	61.3	61.8	61.9	62.3
IV 7000	33.4	42.3	44.0	54.6	59.6	60.4	62.1	63.2	63.6	64.1	64.2	64.5	64.6	65.2	65.3	65.7
IV 6000	33.6	42.6	44.4	55.1	60.2	61.0	62.7	63.7	64.1	64.7	64.8	65.1	65.2	65.8	66.0	66.3
IV 5000	35.8	45.6	47.4	58.6	64.0	64.9	66.6	67.7	68.1	68.6	68.7	69.1	69.2	69.8	69.9	70.3
IV 4500	37.7	47.9	49.9	61.3	67.1	68.0	69.8	70.8	71.3	71.9	72.0	72.3	72.4	73.0	73.2	73.5
IV 4000	41.1	51.9	54.1	66.1	72.2	73.4	75.2	76.4	76.9	77.5	77.6	78.0	78.2	78.8	78.9	79.3
IV 3500	44.0	55.8	58.1	70.6	77.0	78.5	80.6	82.0	82.6	83.2	83.3	83.6	83.8	84.5	84.6	85.0
IV 3000	47.9	60.7	63.2	76.9	83.8	85.4	87.8	89.4	90.1	90.8	90.9	91.3	91.5	92.1	92.3	92.7
IV 2500	48.8	61.9	64.3	78.4	85.4	87.0	89.4	91.1	91.8	92.5	92.6	93.0	93.2	93.8	94.0	94.4
IV 2000	49.6	63.0	65.5	79.7	86.8	88.5	90.9	92.6	93.4	94.0	94.2	94.5	94.7	95.3	95.5	95.9
IV 1800	49.9	63.1	65.6	79.9	87.0	88.7	91.1	92.8	93.6	94.2	94.4	94.7	94.9	95.6	95.7	96.2
IV 1500	50.1	63.6	66.2	80.5	87.7	89.4	91.8	93.6	94.5	95.1	95.3	95.7	95.9	96.5	96.7	97.1
IV 1200	50.3	63.9	66.4	80.9	88.0	89.7	92.2	94.0	94.8	95.5	95.7	96.0	96.2	96.9	97.0	97.4
IV 1000	50.3	64.0	66.6	81.1	88.3	90.0	92.5	94.3	95.1	95.8	96.0	96.4	96.6	97.2	97.4	97.8
IV 900	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.4	95.2	95.9	96.1	96.4	96.6	97.3	97.4	97.9
IV 800	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.5	95.3	96.0	96.1	96.5	96.7	97.3	97.5	97.9
IV 700	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.5	95.3	96.0	96.2	96.5	96.8	97.4	97.6	98.0
IV 600	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.5	95.3	96.0	96.2	96.6	96.8	97.4	97.6	98.0
IV 500	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.5	95.5	96.2	96.4	96.8	97.0	97.8	97.9	98.3
IV 400	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.5	95.5	96.2	96.4	96.8	97.0	97.8	97.9	98.3
IV 300	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.6	95.5	96.2	96.4	96.9	97.2	98.0	98.2	98.6
IV 200	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.6	95.5	96.2	96.4	96.9	97.3	98.1	98.4	99.1
IV 100	50.3	64.0	66.6	81.1	88.3	90.0	92.6	94.6	95.5	96.2	96.4	96.9	97.3	98.1	98.4	99.7
IV 0	50.4	64.1	66.6	81.1	88.3	90.1	92.6	94.6	95.5	96.3	96.5	96.9	97.3	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2470

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

106335
STATION

FINTHEN AAF, DL
STATION NAME

73-77
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
OURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	18.1	19.1	21.3	23.4	25.5	25.5	26.6	29.8	30.9	30.9	31.9	31.9	33.0	33.0	33.0	34.0
≥ 20000	18.1	19.1	21.3	23.4	25.5	25.5	26.6	29.8	30.9	30.9	31.9	31.9	33.0	33.0	33.0	34.0
IV 18000	18.1	19.1	21.3	23.4	25.5	25.5	26.6	29.8	30.9	30.9	31.9	31.9	33.0	33.0	33.0	34.0
IV 16000	18.1	19.1	21.3	23.4	25.5	25.5	26.6	29.8	30.9	30.9	31.9	31.9	33.0	33.0	33.0	34.0
IV 14000	18.1	19.1	21.3	23.4	25.5	25.5	26.6	29.8	30.9	30.9	31.9	31.9	33.0	33.0	33.0	34.0
IV 12000	18.1	19.1	21.3	23.4	25.5	25.5	26.6	29.8	30.9	30.9	31.9	31.9	33.0	33.0	33.0	34.0
IV 10000	18.1	19.1	21.3	23.4	25.5	25.5	26.6	29.8	30.9	30.9	31.9	31.9	33.0	33.0	33.0	34.0
IV 9000	18.1	19.1	21.3	23.4	25.5	25.5	26.6	29.8	30.9	30.9	31.9	31.9	33.0	33.0	33.0	34.0
IV 8000	20.2	23.4	25.5	28.7	30.9	30.9	31.9	35.1	36.2	36.2	37.2	37.2	38.3	38.3	38.3	39.4
IV 7000	20.2	23.4	25.5	28.7	31.9	31.9	33.0	36.2	37.2	37.2	38.3	38.3	39.4	39.4	39.4	40.4
IV 6000	20.2	23.4	25.5	28.7	31.9	31.9	33.0	36.2	37.2	37.2	38.3	38.3	39.4	39.4	39.4	40.4
IV 5000	22.3	25.5	27.7	30.9	34.0	34.0	35.1	38.3	39.4	39.4	40.4	40.4	41.5	41.5	41.5	42.6
IV 4500	23.4	26.6	28.7	31.9	35.1	35.1	36.2	39.4	40.4	40.4	41.5	41.5	42.6	42.6	42.6	43.6
IV 4000	25.5	29.8	31.9	36.2	40.4	41.5	42.6	45.7	46.8	46.8	47.9	47.9	48.9	48.9	48.9	50.0
IV 3500	27.7	34.0	36.2	40.4	44.7	45.7	46.8	51.1	52.1	52.1	54.3	54.3	55.3	55.3	55.3	56.4
IV 3000	30.9	38.3	40.4	45.7	52.1	53.2	54.3	59.6	61.7	61.7	63.8	63.8	64.9	64.9	64.9	66.0
IV 2500	33.0	41.5	43.6	50.0	56.4	57.4	58.5	63.8	66.0	66.0	68.1	68.1	69.1	69.1	69.1	70.2
IV 2000	34.0	42.6	44.7	51.1	57.4	58.5	59.6	64.9	67.0	67.0	69.1	69.1	70.2	70.2	70.2	71.3
IV 1800	34.0	42.6	44.7	51.1	57.4	58.5	59.6	64.9	67.0	67.0	69.1	69.1	70.2	70.2	70.2	71.3
IV 1500	34.0	42.6	44.7	51.1	57.4	58.5	59.6	64.9	67.0	67.0	69.1	69.1	70.2	70.2	70.2	71.3
IV 1200	37.2	45.7	47.9	56.4	62.8	63.8	64.9	70.2	72.3	72.3	74.5	74.5	75.5	75.5	75.5	76.6
IV 1000	37.2	45.7	47.9	56.4	62.8	63.8	64.9	71.3	73.4	73.4	75.5	75.5	76.6	77.7	77.7	78.7
IV 900	38.3	46.8	48.9	58.5	64.9	66.0	67.0	73.4	75.5	75.5	77.7	77.7	79.8	79.8	79.8	80.9
IV 800	38.3	46.8	48.9	58.5	66.0	67.0	69.1	75.5	77.7	77.7	79.8	79.8	80.9	81.9	81.9	83.0
IV 700	38.3	46.8	48.9	58.5	66.0	67.0	69.1	75.5	77.7	77.7	79.8	79.8	80.9	81.9	81.9	83.0
IV 600	38.3	46.8	48.9	58.5	66.0	67.0	69.1	75.5	77.7	77.7	79.8	79.8	80.9	81.9	81.9	83.0
IV 500	38.3	46.8	48.9	58.5	66.0	67.0	69.1	75.5	77.7	77.7	79.8	79.8	80.9	81.9	81.9	83.0
IV 400	38.3	46.8	48.9	58.5	66.0	67.0	69.1	75.5	77.7	77.7	79.8	79.8	80.9	81.9	81.9	83.0
IV 300	38.3	46.8	48.9	59.6	67.0	68.1	70.2	76.6	79.8	79.8	81.9	81.9	83.0	84.0	84.0	87.2
IV 200	38.3	46.8	48.9	59.6	67.0	68.1	70.2	76.6	79.8	79.8	81.9	81.9	83.0	84.0	84.0	89.4
IV 100	38.3	46.8	48.9	59.6	67.0	68.1	70.2	76.6	79.8	79.8	81.9	81.9	83.0	84.0	84.0	97.9
IV 0	38.3	46.8	48.9	59.6	67.0	68.1	70.2	76.6	79.8	79.8	81.9	81.9	83.0	84.0	84.0	100.0

TOTAL NUMBER OF OBSERVATIONS 94

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10c335 FINTHEN AAF, DL
STATION STATION NAME

73-81
YEARS

0CT
MONTH
 0600-0800
HOURS UTC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	9.1	12.0	14.1	16.6	18.8	19.7	20.0	20.6	20.9	21.6	22.2	22.7	23.1	23.4	24.2	24.7
≥ 20000	9.7	12.9	15.2	17.7	19.9	20.8	21.1	22.0	22.7	23.4	24.0	24.7	25.0	25.4	26.1	26.7
IV 18000	9.8	13.2	15.6	18.2	20.4	21.3	21.6	22.5	23.3	24.0	24.5	25.2	25.6	25.9	26.7	27.4
IV 6000	9.8	13.2	15.6	18.2	20.4	21.3	21.6	22.5	23.3	24.0	24.5	25.2	25.6	25.9	26.7	27.4
IV 4000	9.8	13.2	15.6	18.2	20.4	21.3	21.6	22.5	23.3	24.0	24.5	25.2	25.6	25.9	26.7	27.4
IV 12000	10.0	13.4	15.9	18.6	20.8	21.6	22.0	22.9	23.6	24.3	24.9	25.6	25.9	26.3	27.7	27.7
IV 10000	10.6	14.1	16.8	20.0	22.4	23.3	23.6	24.5	25.2	25.9	26.5	27.4	27.7	28.3	29.0	29.7
IV 9000	10.6	14.1	16.8	20.4	22.7	23.6	24.0	24.9	25.6	26.3	26.8	27.7	28.1	28.6	29.3	30.1
IV 8000	13.2	16.0	19.7	24.2	26.7	27.5	27.9	28.8	29.5	30.2	30.8	31.8	32.2	32.9	33.6	34.3
IV 7000	14.1	18.1	20.9	25.4	27.9	28.8	29.3	30.4	31.1	32.2	32.7	33.8	34.3	35.1	35.8	36.5
IV 6000	14.1	18.2	21.1	25.6	28.1	29.0	29.5	30.6	31.3	32.4	32.9	34.0	34.5	35.2	36.0	36.7
IV 5000	14.8	19.5	22.4	26.8	29.3	30.2	30.8	31.8	32.6	33.8	34.7	36.0	36.5	37.2	37.9	38.6
IV 4500	15.7	20.9	24.3	29.2	31.8	32.9	33.8	34.9	35.6	36.9	37.7	39.0	39.5	40.4	41.1	41.9
IV 4000	17.7	23.6	27.5	34.0	37.6	39.0	40.3	41.9	42.8	44.2	45.1	46.3	46.9	47.8	48.5	49.2
IV 3500	19.5	26.7	31.1	38.1	41.9	43.5	44.9	46.5	47.4	48.8	49.7	51.0	51.5	52.6	53.3	54.0
IV 3000	22.0	29.9	34.5	43.5	47.6	49.4	51.5	53.8	54.9	56.7	57.6	59.0	60.3	61.5	62.4	63.1
IV 2500	23.3	31.7	36.5	46.0	50.8	52.6	54.7	57.2	58.5	60.3	61.2	62.6	63.9	65.3	66.2	66.9
IV 2000	26.7	36.0	41.1	50.8	56.4	58.1	60.3	62.8	64.0	66.0	66.9	68.3	69.6	71.2	72.1	72.8
IV 1800	27.0	36.7	41.9	51.5	57.2	59.2	61.4	63.9	65.1	67.1	68.0	69.4	70.7	72.3	73.2	73.9
IV 1500	27.7	38.6	43.8	53.7	59.7	61.7	63.9	66.5	68.0	70.5	71.4	72.8	74.1	75.7	76.6	77.3
IV 1200	28.4	39.7	45.1	55.8	62.1	64.0	66.4	69.1	70.7	73.2	74.1	75.5	76.9	78.5	79.4	80.1
IV 1000	28.4	39.7	45.1	56.0	62.4	64.4	66.9	69.9	71.6	74.2	75.1	76.7	78.2	80.0	81.0	81.8
IV 900	28.6	39.9	45.6	56.9	63.3	65.3	67.8	70.8	72.5	75.1	76.0	77.6	79.1	80.9	81.9	82.6
IV 800	28.6	39.9	45.6	57.4	64.2	66.4	69.1	72.1	73.7	76.4	77.3	78.9	80.3	82.1	83.2	83.9
IV 700	28.6	39.9	45.6	57.6	64.4	66.5	69.4	72.8	74.4	77.1	78.2	79.8	81.4	83.2	84.3	85.0
IV 600	28.6	39.9	45.6	57.6	64.4	66.5	69.4	73.2	75.0	77.6	78.7	80.3	81.9	83.7	84.8	85.5
IV 500	28.6	39.9	45.6	57.6	64.4	66.5	69.6	73.3	75.3	78.0	79.1	80.7	82.3	84.1	85.2	85.9
IV 400	28.6	39.9	45.6	57.8	64.6	66.7	70.1	73.9	75.8	78.5	79.6	81.2	82.8	84.6	85.7	86.4
IV 300	28.6	39.9	45.6	58.0	64.8	66.9	70.3	74.2	76.2	79.6	80.7	82.3	84.1	86.0	87.1	88.0
IV 200	28.6	39.9	45.6	58.0	64.8	66.9	70.3	74.2	76.2	79.6	80.7	82.5	84.4	87.3	89.6	92.3
IV 100	28.6	39.9	45.6	58.0	64.8	66.9	70.3	74.2	76.2	79.6	80.7	82.5	84.4	87.8	91.2	97.3
IV 0	28.6	39.9	45.6	58.0	64.8	66.9	70.3	74.2	76.2	79.6	80.7	82.5	84.4	87.8	91.2	100.0

TOTAL NUMBER OF OBSERVATIONS 559

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10F335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1136
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	8.9	10.4	11.1	13.4	15.6	16.1	17.2	17.5	18.2	18.8	18.9	19.1	19.6	19.8	20.0	20.1
≥ 20000	10.1	11.3	12.5	15.5	18.2	18.9	20.1	20.7	21.4	22.0	22.2	22.4	22.9	23.1	23.3	23.4
IV 18000	10.2	12.0	12.7	15.6	18.4	19.1	20.3	20.8	21.5	22.2	22.4	22.6	23.1	23.3	23.4	23.6
IV 16000	10.2	12.0	12.7	15.6	18.4	19.1	20.3	20.8	21.5	22.2	22.4	22.6	23.1	23.3	23.4	23.6
IV 14000	10.4	12.2	12.9	15.8	18.6	19.3	20.5	21.0	21.7	22.4	22.6	22.7	23.3	23.4	23.6	23.8
IV 12000	10.4	12.2	13.2	16.5	19.6	20.3	21.5	22.0	22.7	23.4	23.6	23.8	24.3	24.5	24.7	24.8
IV 10000	11.6	13.5	15.1	19.6	23.1	23.8	25.0	25.5	26.2	26.9	27.1	27.3	27.8	28.0	28.1	28.3
IV 9000	11.6	13.5	15.1	19.6	23.1	23.8	25.0	25.7	26.4	27.1	27.3	27.4	28.0	28.1	28.3	28.5
IV 8000	14.1	16.1	17.7	23.4	27.6	28.5	29.7	30.7	31.4	32.1	32.3	32.5	33.0	33.2	33.3	33.5
IV 7000	15.3	17.4	18.9	25.3	29.5	30.6	31.8	33.0	33.7	34.4	34.5	34.7	35.2	35.4	35.6	35.8
IV 6000	15.3	17.4	18.9	25.3	29.5	30.6	31.8	33.0	33.7	34.4	34.5	34.7	35.2	35.4	35.6	35.8
IV 5000	15.5	17.9	19.4	26.6	30.9	32.1	33.3	34.9	35.6	36.3	36.5	36.8	37.3	37.5	37.7	37.8
IV 4500	15.9	18.6	20.1	27.3	32.3	33.7	34.9	36.5	37.2	37.8	38.0	38.4	38.9	39.1	39.2	39.4
IV 4000	18.9	22.6	25.0	33.7	38.7	40.5	41.7	43.4	44.1	44.8	45.0	45.3	45.0	46.2	46.4	46.5
IV 3500	22.7	27.1	30.2	39.6	45.1	46.9	48.1	50.0	50.7	51.4	51.7	52.1	52.8	53.1	53.3	53.5
IV 3000	26.0	31.3	34.4	45.7	51.7	53.8	55.4	57.6	58.5	59.7	60.1	60.4	61.5	61.8	62.2	62.7
IV 2500	28.5	34.2	37.5	49.5	55.7	57.8	59.4	61.8	62.7	64.1	64.4	64.8	65.8	66.1	66.5	67.0
IV 2000	29.9	35.9	39.2	51.9	58.7	60.9	62.5	65.1	66.0	67.5	67.9	68.2	69.3	69.6	70.3	70.8
IV 1800	30.4	36.8	40.1	53.5	60.2	62.5	64.2	67.4	68.2	69.8	70.1	70.5	71.5	71.9	72.6	73.1
IV 1500	31.3	37.8	41.1	54.7	61.6	63.9	66.7	69.8	70.7	72.2	72.6	72.9	74.0	74.3	75.0	75.5
IV 1200	31.8	38.5	42.2	56.1	63.7	66.0	68.8	71.9	72.7	74.7	75.0	75.3	76.4	76.7	77.4	78.0
IV 1000	31.9	38.7	42.4	56.6	64.6	66.8	69.8	73.1	74.3	76.6	76.9	77.6	78.6	79.2	79.9	80.4
IV 900	31.9	38.7	42.4	57.1	65.1	67.7	70.7	74.0	75.3	77.6	78.0	78.6	79.7	80.6	81.3	81.8
IV 800	32.3	39.1	42.7	57.5	65.5	68.2	71.2	74.5	76.3	78.5	78.8	79.7	80.7	81.6	82.3	82.8
IV 700	32.3	39.1	42.7	57.5	65.5	68.4	71.4	74.7	76.2	79.0	79.5	80.4	81.4	82.3	83.0	83.5
IV 600	32.3	39.1	42.7	57.5	66.0	68.9	71.9	75.3	77.1	80.0	80.6	81.4	82.5	83.3	84.0	84.5
IV 500	32.3	39.1	42.7	57.5	66.0	68.9	71.9	75.7	77.8	81.4	81.9	82.8	83.9	84.7	85.4	85.9
IV 400	32.3	39.1	42.7	57.5	66.3	69.3	72.2	76.2	78.5	82.8	83.3	84.2	85.4	86.5	87.2	87.8
IV 300	32.5	39.2	42.9	57.6	66.5	69.4	72.4	76.4	79.0	83.3	84.0	85.2	86.8	88.0	88.7	89.8
IV 200	32.5	39.2	42.9	57.6	66.5	69.4	72.4	76.7	79.3	83.9	84.7	85.9	87.5	89.9	91.0	93.2
IV 100	32.5	39.2	42.9	57.6	66.5	69.4	72.4	76.7	79.3	84.0	84.9	86.1	87.7	90.3	91.3	97.4
IV 0	32.5	39.2	42.9	57.6	66.5	69.4	72.4	76.7	79.3	84.0	84.9	86.1	87.7	90.3	91.5	100.0

TOTAL NUMBER OF OBSERVATIONS 576

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 6335 FINTHEN AAF, DL

73-81

CGT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	7.1	11.1	12.3	17.6	19.4	19.6	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 20000	10.1	13.9	15.2	22.2	24.7	25.0	25.7	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 18000	10.2	14.1	15.3	22.4	24.9	25.2	25.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 16000	10.2	14.1	15.3	22.4	24.9	25.2	25.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 14000	10.2	14.1	15.3	22.4	24.9	25.2	25.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 12000	10.4	14.3	15.5	22.6	25.0	25.4	26.1	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 10000	12.7	16.6	18.2	26.3	28.7	29.1	29.8	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 9000	12.9	16.8	18.3	26.5	28.9	29.3	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 8000	15.9	19.9	21.5	31.6	34.2	34.6	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 7000	17.5	21.5	23.3	34.0	36.7	37.2	37.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 6000	17.5	21.5	23.3	34.0	36.7	37.2	37.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 5000	17.6	21.9	23.6	35.1	38.1	38.6	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 4500	18.9	24.0	25.7	37.2	40.2	40.7	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 4000	23.8	29.5	31.2	44.1	47.3	47.8	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 3500	27.2	32.8	34.7	49.0	52.4	52.9	53.6	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 3000	33.7	40.9	43.0	59.6	63.3	64.6	65.8	67.0	67.0	67.2	67.2	67.2	67.5	67.5	67.5	67.5
≥ 2500	34.9	43.2	45.3	62.3	66.5	67.7	69.7	71.1	71.1	71.4	71.4	71.4	71.8	71.8	71.8	71.8
≥ 2000	38.3	47.3	49.4	67.2	72.1	73.4	75.3	76.9	76.9	77.8	77.8	77.8	78.1	78.1	78.1	78.1
≥ 1800	38.4	48.1	50.3	68.3	73.4	74.6	76.5	78.1	78.1	79.0	79.0	79.0	79.4	79.4	79.4	79.4
≥ 1500	39.3	49.2	51.3	70.2	75.7	77.1	79.5	81.3	81.3	82.2	82.2	82.2	82.5	82.5	82.5	82.5
≥ 1200	39.7	50.3	52.4	72.1	78.1	80.1	82.9	84.7	84.7	85.5	85.5	85.5	86.1	86.1	86.1	86.1
≥ 1000	39.7	50.4	52.6	73.7	80.2	82.2	85.0	86.8	86.8	87.7	87.7	87.7	88.2	88.2	88.2	88.2
≥ 900	39.7	50.4	52.6	73.9	80.8	83.1	85.9	87.8	88.0	88.9	88.9	88.9	89.4	89.4	89.4	89.4
≥ 800	39.7	50.4	52.6	73.9	80.8	83.2	86.1	88.2	88.4	89.2	89.2	89.2	89.8	89.8	89.8	89.8
≥ 700	39.7	50.4	52.6	73.9	81.0	83.4	86.8	88.9	89.1	89.9	90.1	90.1	90.7	90.7	90.7	90.7
≥ 600	39.7	50.4	52.6	73.9	81.0	83.4	86.9	89.1	89.4	90.3	90.3	90.5	91.0	91.0	91.0	91.0
≥ 500	39.7	50.4	52.6	73.9	81.0	83.4	86.9	89.4	90.3	91.4	91.5	91.5	92.2	92.2	92.2	92.2
≥ 400	39.7	50.4	52.6	73.9	81.3	83.8	87.5	89.9	91.2	92.9	93.1	93.7	94.7	94.7	94.7	94.7
≥ 300	39.7	50.4	52.6	73.9	81.3	83.8	87.5	89.9	91.4	93.5	93.8	94.4	95.9	96.3	96.3	96.3
≥ 200	39.7	50.4	52.6	73.9	81.3	83.8	87.5	89.9	91.4	93.5	93.8	94.4	96.1	97.4	97.4	98.1
≥ 100	39.7	50.4	52.6	73.9	81.3	83.8	87.5	89.9	91.4	93.5	93.8	94.4	96.1	97.5	97.9	99.8
≥ 0	39.7	50.4	52.6	73.9	81.3	83.6	87.5	89.9	91.4	93.5	93.8	94.4	96.1	97.5	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 567

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1507-1700
OURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
∞ CEILING	15.9	20.0	20.7	24.7	26.0	26.7	26.9	26.9	27.2	27.6	27.6	27.6	27.6	27.7	27.7	27.7
∞ 20000	16.2	23.0	23.9	28.6	30.4	31.1	31.3	31.3	31.6	32.0	32.0	32.0	32.0	32.2	32.2	32.2
∞ 18000	18.6	23.5	24.4	29.2	30.9	31.6	31.8	31.8	32.2	32.5	32.5	32.5	32.5	32.7	32.7	32.7
∞ 16000	18.6	23.5	24.4	29.2	30.9	31.6	31.8	31.8	32.2	32.5	32.5	32.5	32.5	32.7	32.7	32.7
∞ 14000	18.7	23.7	24.6	29.3	31.1	31.8	32.0	32.0	32.3	32.7	32.7	32.7	32.7	32.9	32.9	32.9
∞ 12000	19.8	24.9	26.7	30.7	32.5	33.2	33.4	33.4	33.7	34.1	34.1	34.1	34.1	34.3	34.3	34.3
∞ 10000	22.8	27.9	29.2	34.3	36.0	36.9	37.1	37.1	37.5	37.8	37.8	37.8	37.8	38.0	38.0	38.0
∞ 9000	23.1	28.3	29.5	34.8	36.6	37.5	37.6	37.6	38.0	38.3	38.3	38.3	38.3	38.5	38.5	38.5
∞ 8000	27.0	32.9	34.6	40.1	42.8	44.0	44.2	44.2	44.5	44.9	44.9	44.9	44.9	45.1	45.1	45.1
∞ 7000	29.3	35.2	36.9	43.1	45.8	47.0	47.3	47.3	47.7	48.1	48.1	48.1	48.1	48.2	48.2	48.2
∞ 6000	29.3	35.2	36.9	43.1	45.8	47.0	47.3	47.3	47.7	48.1	48.1	48.1	48.1	48.2	48.2	48.2
∞ 5000	31.3	37.1	38.9	45.4	48.1	49.3	49.6	49.6	50.0	50.4	50.4	50.4	50.4	50.5	50.5	50.5
∞ 4500	32.0	38.9	40.6	47.3	50.2	51.4	51.8	51.8	52.1	52.5	52.5	52.5	52.5	52.7	52.7	52.7
∞ 4000	37.6	45.8	48.1	55.8	59.0	60.2	60.6	60.6	61.3	61.7	61.7	61.7	61.7	61.8	61.8	61.8
∞ 3500	41.2	50.4	52.7	61.5	64.7	65.9	66.4	66.4	67.1	67.5	67.5	67.5	67.5	67.7	67.7	67.7
∞ 3000	45.6	55.8	58.8	69.4	72.8	75.1	76.5	77.0	77.9	78.3	78.3	78.3	78.3	78.4	78.4	78.4
∞ 2500	47.7	58.5	61.5	72.4	75.8	78.1	79.5	80.0	80.9	81.3	81.3	81.3	81.3	81.4	81.4	81.4
∞ 2000	49.1	60.8	64.1	76.0	80.0	82.3	83.7	84.3	85.3	86.0	86.0	86.0	86.0	86.2	86.2	86.2
∞ 1800	49.5	61.5	65.0	76.9	80.9	83.2	84.6	85.2	86.2	86.9	86.9	86.9	86.9	87.1	87.1	87.1
∞ 1500	49.8	62.0	65.5	78.4	82.9	85.3	86.9	87.5	88.5	89.2	89.2	89.2	89.2	89.4	89.4	89.4
∞ 1200	50.4	63.1	66.8	80.7	85.3	88.2	89.8	90.3	91.3	92.0	92.0	92.0	92.0	92.2	92.2	92.2
∞ 1000	50.4	63.4	67.1	81.1	85.7	88.5	90.1	90.8	91.9	92.8	92.8	92.8	92.8	92.9	92.9	92.9
∞ 900	50.4	63.4	67.1	81.1	85.7	88.5	90.1	91.0	92.0	92.9	92.9	92.9	92.9	93.1	93.1	93.1
∞ 800	50.4	63.4	67.1	81.1	85.7	88.5	90.1	91.0	92.0	92.9	92.9	92.9	92.9	93.1	93.1	93.1
∞ 700	50.4	63.4	67.1	81.1	85.7	88.5	90.1	91.0	92.2	93.3	93.5	93.5	93.5	93.8	94.0	94.0
∞ 600	50.4	63.4	67.1	81.1	85.7	88.5	90.1	91.0	92.2	93.5	93.6	93.6	94.0	94.5	94.5	94.5
∞ 500	50.4	63.4	67.1	81.1	85.7	88.5	90.5	91.7	93.1	95.1	95.2	95.4	95.8	96.3	96.3	96.3
∞ 400	50.4	63.4	67.1	81.1	85.7	88.5	90.5	91.7	93.1	95.1	95.2	95.4	96.1	96.6	96.6	96.6
∞ 300	50.4	63.4	67.1	81.1	85.7	88.5	90.5	91.7	93.1	95.1	95.2	95.4	96.1	97.2	97.2	97.2
∞ 200	50.4	63.4	67.1	81.1	85.7	88.5	90.5	91.7	93.1	95.1	95.2	95.4	96.1	97.9	98.6	98.8
∞ 100	50.4	63.4	67.1	81.1	85.7	88.5	90.5	91.7	93.1	95.1	95.2	95.4	96.1	98.1	98.9	99.8
∞ 0	50.4	63.4	67.1	81.1	85.7	88.5	90.5	91.7	93.1	95.1	95.2	95.4	96.1	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 566

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10 33° FINNEN AAF, DL

73-81

201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	23.1	27.7	28.4	32.4	33.4	34.5	35.1	36.6	37.4	37.6	37.6	37.6	37.8	38.2	39.2	39.2
≥20000	25.4	31.5	31.1	35.7	37.2	38.7	39.3	41.2	41.9	42.0	42.0	42.0	42.2	42.9	42.9	43.1
≥18000	25.6	30.7	31.7	36.3	37.8	39.3	39.9	41.8	42.4	42.6	42.6	42.6	42.9	43.5	43.5	43.7
≥16000	25.6	30.7	31.7	36.3	37.8	39.3	39.9	41.8	42.4	42.6	42.6	42.6	42.9	43.5	43.5	43.7
≥14000	25.8	31.9	31.9	36.6	38.0	39.5	40.1	42.0	42.6	42.9	42.9	42.9	43.1	43.7	43.7	43.9
≥12000	27.1	32.4	33.4	38.0	39.5	41.0	41.6	43.5	44.1	44.3	44.3	44.3	44.5	45.2	45.2	45.4
≥10000	29.2	34.7	35.7	41.2	42.6	44.3	45.0	46.8	47.5	47.7	47.7	47.7	47.9	48.5	48.5	48.7
≥9000	29.2	34.7	35.7	41.2	42.6	44.3	45.0	46.8	47.5	47.7	47.7	47.7	47.9	48.5	48.5	48.7
≥8000	32.4	38.9	40.1	45.8	47.5	49.2	50.2	52.1	52.7	52.9	52.9	52.9	53.2	53.8	53.8	54.0
≥7000	35.1	42.4	43.7	49.8	52.3	54.0	55.0	56.9	57.6	57.8	57.8	57.8	58.0	58.6	58.6	58.8
≥6000	35.1	42.4	43.7	49.8	52.3	54.0	55.0	56.9	57.6	57.8	57.8	57.8	58.0	58.6	58.6	58.8
≥5000	37.8	45.2	46.4	52.5	55.0	56.7	57.8	59.7	60.3	60.5	60.5	60.5	60.7	61.3	61.3	61.6
≥4500	39.1	47.1	47.5	54.6	57.4	59.7	60.7	62.6	63.2	63.4	63.4	63.4	63.7	64.3	64.3	64.5
≥4000	42.1	51.5	53.4	61.1	63.9	66.2	67.2	69.1	69.7	70.0	70.0	70.0	70.2	70.8	70.8	71.0
≥3500	44.5	54.5	56.7	65.8	68.5	70.8	72.3	74.2	74.8	75.0	75.2	75.2	75.4	76.1	76.1	76.3
≥3000	46.5	60.1	62.0	72.5	75.2	77.7	79.6	81.5	82.6	83.0	83.8	83.8	84.5	85.1	85.1	85.3
≥2500	49.4	61.9	62.8	73.5	76.3	78.6	80.9	83.2	84.2	84.9	85.7	85.7	86.3	87.0	87.0	87.2
≥2000	50.2	62.2	64.3	76.5	79.6	82.4	84.9	87.4	88.7	89.3	90.1	90.1	90.8	91.4	91.4	91.6
≥1800	50.2	62.6	64.7	76.9	80.0	82.8	85.3	87.8	89.1	89.7	90.5	90.5	91.2	91.8	91.8	92.0
≥1600	50.2	62.6	64.7	77.1	81.3	83.0	86.6	89.1	90.3	91.0	91.8	91.8	92.4	93.1	93.1	93.3
≥1400	50.4	62.6	65.3	79.0	82.6	85.3	88.9	91.4	92.6	93.5	94.3	94.3	95.0	95.6	95.6	95.8
≥1200	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	93.7	94.5	94.5	95.2	95.8	95.8	96.0
≥1000	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	93.7	94.5	94.5	95.2	95.8	95.8	96.0
≥900	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	93.7	94.5	94.5	95.2	95.8	95.8	96.0
≥800	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	93.7	94.5	94.5	95.2	95.8	95.8	96.0
≥700	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	93.7	94.5	94.5	95.2	95.8	95.8	96.0
≥600	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	93.7	94.5	94.5	95.2	95.8	95.8	96.0
≥500	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	94.5	95.4	95.4	96.2	96.8	96.8	97.1
≥400	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	94.5	95.4	95.4	96.2	97.3	97.3	97.5
≥300	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	94.5	95.4	95.4	96.4	97.5	97.5	97.7
≥200	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	94.5	95.4	95.4	96.4	97.5	97.9	98.1
≥100	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	94.5	95.4	95.4	96.4	97.5	98.1	99.8
≥0	50.6	63.0	65.5	79.2	82.8	85.5	89.1	91.6	92.9	94.5	95.4	95.4	96.4	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 476

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

104335 FINNEN AAF, DL
STATION STATION NAME

73-61
YEARS

ALL
PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0
NO CEILING	12.9	16.0	17.1	20.6	22.4	23.0	23.6	24.2	24.7	25.0	25.2	25.3	25.6	25.8	26.0	26.1
≥ 20000	14.4	18.0	19.2	23.5	25.7	26.5	27.1	27.9	28.4	28.8	28.9	29.1	29.4	29.6	29.8	30.0
≥ 18000	14.7	18.3	19.6	23.9	26.1	26.6	27.5	28.3	28.8	29.1	29.3	29.5	29.7	30.0	30.2	30.4
≥ 16000	14.7	18.3	19.6	23.9	26.1	26.6	27.5	28.3	28.8	29.1	29.3	29.5	29.7	30.0	30.2	30.4
≥ 14000	14.4	18.4	19.7	24.0	26.2	27.0	27.6	28.4	28.9	29.2	29.4	29.6	29.8	30.1	30.3	30.5
≥ 12000	15.3	19.0	20.4	24.8	27.0	27.8	28.4	29.2	29.7	30.1	30.3	30.4	30.7	30.9	31.1	31.4
≥ 10000	17.1	20.9	22.5	27.7	30.1	30.9	31.5	32.3	32.8	33.2	33.3	33.5	33.9	34.1	34.2	34.5
≥ 9000	17.1	21.0	22.6	27.9	30.3	31.1	31.7	32.6	33.1	33.4	33.6	33.8	34.1	34.4	34.5	34.8
≥ 8000	20.1	24.4	26.1	32.5	35.2	36.2	36.9	37.7	38.2	38.6	38.8	39.0	39.3	39.6	39.4	40.0
≥ 7000	21.7	26.3	28.2	34.8	37.8	38.8	39.6	40.5	41.0	41.5	41.6	41.9	42.2	42.5	42.7	43.0
≥ 6000	21.3	26.3	28.2	34.9	37.8	38.8	39.6	40.6	41.1	41.5	41.7	41.9	42.2	42.5	42.7	43.0
≥ 5000	22.9	27.7	29.9	36.6	39.6	40.7	41.4	42.5	43.0	43.4	43.7	44.0	44.3	44.6	44.8	45.0
≥ 4500	23.3	29.2	31.2	38.4	41.6	42.9	43.7	44.7	45.2	45.7	46.0	46.3	46.6	46.9	47.1	47.4
≥ 4000	27.5	33.9	36.3	44.9	48.5	49.9	50.8	52.0	52.6	53.1	53.4	53.7	54.0	54.4	54.5	54.8
≥ 3500	30.9	37.7	40.4	50.0	53.7	55.2	56.2	57.5	58.1	58.6	59.0	59.3	59.6	60.0	60.2	60.5
≥ 3000	34.9	42.9	45.8	57.3	61.4	63.3	64.9	66.7	67.5	68.3	68.7	69.1	69.8	70.2	70.5	70.8
≥ 2500	36.2	45.1	48.1	60.0	64.4	66.3	68.1	70.0	70.9	71.8	72.2	72.6	73.3	73.7	74.0	74.3
≥ 2000	38.3	47.8	51.0	63.6	68.6	70.6	72.5	74.6	75.5	76.6	77.1	77.4	78.1	78.6	78.9	79.2
≥ 1800	38.6	48.5	51.7	64.6	69.6	71.7	73.6	75.7	76.6	77.8	78.2	78.6	79.2	79.8	80.1	80.4
≥ 1500	39.1	49.4	52.6	66.0	71.3	73.4	75.8	78.0	79.0	80.2	80.7	81.0	81.7	82.2	82.6	82.9
≥ 1200	39.7	50.3	53.8	68.0	73.7	76.0	78.5	80.8	81.7	83.1	83.5	83.9	84.6	85.2	85.5	85.8
≥ 1000	39.8	50.5	53.9	68.6	74.5	76.8	79.4	81.8	82.8	84.3	84.8	85.2	86.0	86.6	87.0	87.3
≥ 900	39.9	50.6	54.1	69.0	74.9	77.4	80.0	82.5	83.6	85.1	85.5	86.0	86.7	87.4	87.8	88.1
≥ 800	39.9	50.6	54.2	69.1	75.2	77.8	80.4	82.9	84.1	85.6	86.1	86.6	87.3	88.0	88.4	88.7
≥ 700	39.9	50.6	54.2	69.2	75.3	77.9	80.7	83.3	84.5	86.1	86.7	87.2	88.0	88.7	89.1	89.4
≥ 600	39.9	50.6	54.2	69.2	75.4	78.0	80.8	83.5	84.8	86.5	87.1	87.6	88.4	89.2	89.6	89.9
≥ 500	39.9	50.6	54.2	69.2	75.4	78.0	80.9	83.8	85.4	87.5	88.1	88.7	89.6	90.3	90.7	91.0
≥ 400	39.9	50.6	54.2	69.2	75.6	78.2	81.2	84.1	85.8	88.2	88.8	89.5	90.6	91.4	91.8	92.1
≥ 300	40.0	50.7	54.2	69.3	75.7	78.3	81.3	84.3	86.1	88.7	89.4	90.1	91.4	92.6	92.9	93.4
≥ 200	40.0	50.7	54.2	69.3	75.7	78.3	81.3	84.4	86.2	88.8	89.5	90.3	91.7	93.6	94.6	96.0
≥ 100	40.0	50.7	54.2	69.3	75.7	78.3	81.3	84.4	86.2	88.9	89.6	90.3	91.7	93.8	95.2	98.6
≥ 0	40.0	50.7	54.2	69.3	75.7	78.3	81.3	84.4	86.2	88.9	89.6	90.3	91.7	93.8	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2838

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-78

NCV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILE															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	21.5	22.5	23.7	23.7	25.8	26.9	28.0	29.0	29.0	30.1	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	23.7	24.7	25.8	25.8	28.0	29.0	30.1	31.2	31.2	32.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 18000	23.7	24.7	25.8	25.8	28.0	29.0	30.1	31.2	31.2	32.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 16000	23.7	24.7	25.8	25.8	28.0	29.0	30.1	31.2	31.2	32.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 14000	23.7	24.7	25.8	25.8	28.0	29.0	30.1	31.2	31.2	32.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 12000	23.7	24.7	25.8	25.8	28.0	29.0	30.1	31.2	31.2	32.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 10000	24.7	26.9	28.0	28.0	30.1	31.2	32.3	33.3	33.3	34.4	35.5	35.5	35.5	35.5	35.5	35.5
≥ 9000	24.7	26.9	28.0	28.0	30.1	31.2	32.3	33.3	33.3	34.4	35.5	35.5	35.5	35.5	35.5	35.5
≥ 8000	26.0	30.1	31.2	32.3	34.4	35.5	36.6	37.6	37.6	38.7	39.8	39.8	39.8	39.8	39.8	39.8
≥ 7000	26.0	30.1	31.2	32.3	34.4	35.5	36.6	37.6	37.6	38.7	39.8	40.9	40.9	40.9	40.9	40.9
≥ 6000	26.0	30.1	31.2	32.3	34.4	35.5	36.6	37.6	37.6	38.7	39.8	40.9	40.9	40.9	40.9	40.9
≥ 5000	30.1	32.3	33.3	34.4	36.6	37.6	38.7	39.8	40.9	41.9	43.0	43.0	43.0	43.0	43.0	43.0
≥ 4500	31.2	33.3	34.4	35.5	37.6	38.7	39.8	40.9	41.9	43.0	44.1	44.1	44.1	44.1	44.1	44.1
≥ 4000	33.3	35.5	36.6	38.7	40.9	41.9	43.0	44.1	45.2	47.3	48.4	48.4	48.4	48.4	48.4	48.4
≥ 3500	37.6	39.8	40.9	46.2	48.4	49.5	50.5	51.6	52.7	54.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3000	43.0	45.2	46.2	53.8	57.0	59.1	60.2	61.3	62.4	64.5	65.6	65.6	65.6	65.6	65.6	65.6
≥ 2500	45.2	47.3	48.4	55.9	59.1	61.3	62.4	63.4	64.5	66.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2000	51.6	55.9	57.0	65.6	68.8	72.0	73.1	74.2	75.3	77.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800	51.6	55.9	57.0	65.6	68.8	72.0	73.1	74.2	75.3	77.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1500	55.9	61.3	62.4	71.0	74.2	77.4	78.5	79.6	80.6	82.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	55.9	61.3	62.4	72.0	76.3	79.6	80.6	82.8	83.9	86.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	57.0	62.4	63.4	74.2	79.6	82.8	83.9	86.0	87.1	89.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	58.1	63.4	64.5	75.3	80.6	83.9	84.9	87.1	88.2	90.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	58.1	63.4	64.5	75.3	80.6	83.9	84.9	87.1	88.2	90.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	58.1	63.4	64.5	75.3	80.6	83.9	84.9	87.1	88.2	90.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	58.1	63.4	64.5	75.3	80.6	83.9	84.9	87.1	88.2	90.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	58.1	63.4	64.5	75.3	80.6	83.9	84.9	88.2	89.2	91.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 400	58.1	63.4	64.5	75.3	80.6	83.9	86.0	89.2	90.3	92.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 300	58.1	63.4	64.5	75.3	80.6	83.9	86.0	90.3	91.4	93.5	94.6	94.6	94.6	94.6	95.7	95.7
≥ 200	58.1	63.4	64.5	75.3	80.6	83.9	86.0	90.3	91.4	93.5	94.6	94.6	94.6	95.7	95.7	96.8
≥ 100	58.1	63.4	64.5	75.3	80.6	83.9	86.0	90.3	91.4	93.5	94.6	94.6	94.6	95.7	96.8	98.9
≥ 0	58.1	63.4	64.5	75.3	80.6	83.9	86.0	90.3	91.4	93.5	94.6	94.6	94.6	95.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17335 FINTHEN AAF, DL

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0600
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1/2	≥1/4	≥0	
NO CEILING	12.6	17.0	17.6	18.7	20.0	20.2	21.0	21.2	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.9	22.1
IV 20000	13.2	17.6	18.1	19.3	20.6	20.8	21.8	22.1	22.3	22.3	22.3	22.5	22.5	22.7	22.7	23.1	23.5
IV 18000	13.2	17.6	18.3	19.5	20.8	21.0	21.9	22.3	22.5	22.5	22.5	22.7	22.7	22.9	22.9	23.3	23.7
IV 16000	13.4	17.7	18.5	19.7	21.0	21.2	22.1	22.5	22.7	22.7	22.7	22.9	22.9	23.1	23.1	23.5	23.9
IV 14000	13.4	17.7	18.5	19.7	21.0	21.2	22.1	22.5	22.7	22.7	22.7	22.9	22.9	23.1	23.1	23.5	23.9
IV 12000	13.4	17.7	18.7	20.0	21.4	21.6	22.5	22.9	23.1	23.1	23.1	23.3	23.3	23.5	23.5	23.9	24.2
IV 10000	13.7	18.5	19.8	21.4	22.7	22.9	24.0	24.4	24.6	24.6	24.6	24.8	24.8	25.0	25.4	25.8	26.3
IV 9000	13.9	18.9	20.2	21.8	23.1	23.3	24.6	25.0	25.2	25.2	25.2	25.4	25.4	25.6	26.0	26.3	26.3
IV 8000	15.6	21.6	23.3	25.4	26.9	27.1	28.4	28.8	29.0	29.0	29.0	29.2	29.2	29.4	29.8	30.2	30.2
IV 7000	17.0	22.9	24.6	26.7	28.2	28.4	29.8	30.5	30.7	30.7	30.7	30.9	30.9	31.1	31.5	31.9	31.9
IV 6000	17.0	22.9	24.6	26.7	28.2	28.4	29.8	30.5	30.7	30.7	30.7	30.9	30.9	31.1	31.5	31.9	31.9
IV 5000	17.7	23.7	25.4	27.5	29.0	29.2	30.5	31.3	31.5	31.5	31.7	31.9	31.9	32.1	32.4	33.0	33.0
IV 4500	18.3	24.8	26.5	28.8	30.5	31.1	32.4	33.4	33.6	33.6	33.8	34.0	34.0	34.2	34.5	35.1	35.1
IV 4000	21.2	27.9	30.0	32.8	34.9	35.5	36.8	38.2	38.4	38.5	38.7	38.9	38.9	39.1	39.5	40.1	40.1
IV 3500	27.1	34.4	36.5	40.1	42.7	43.5	45.6	46.9	47.1	47.3	47.5	47.7	47.7	47.9	48.3	48.9	48.9
IV 3000	30.9	38.9	41.4	47.5	50.8	51.9	54.0	55.7	55.9	56.3	56.5	56.7	56.7	56.9	57.4	58.0	58.0
IV 2500	34.0	42.2	44.7	51.1	54.6	55.7	57.8	59.7	59.9	60.3	60.5	60.7	60.7	60.9	61.6	62.6	62.6
IV 2000	37.2	46.9	49.4	57.4	61.1	62.2	64.7	67.0	67.2	67.7	67.9	68.1	68.3	68.5	69.3	70.2	70.2
IV 1800	37.6	47.5	50.0	58.0	61.6	62.8	65.3	67.6	67.7	68.3	68.5	68.7	68.9	69.1	69.8	70.8	70.8
IV 1500	39.3	50.6	53.4	62.0	66.2	67.6	70.4	73.1	73.3	73.9	74.0	74.4	74.6	75.0	75.8	76.7	76.7
IV 1200	40.3	52.5	55.3	64.7	69.5	70.8	74.0	76.9	77.3	78.1	78.2	78.6	78.8	79.2	80.0	80.9	80.9
IV 1000	40.6	52.9	55.7	66.2	71.8	73.1	76.9	80.2	80.7	81.7	81.9	82.3	82.4	82.8	83.6	84.7	84.7
IV 900	40.8	53.1	55.9	67.0	72.5	73.9	77.9	81.5	82.1	83.0	83.2	83.6	83.8	84.2	84.9	86.1	86.1
IV 800	41.0	53.2	56.1	67.6	73.1	74.4	78.6	82.3	83.0	84.2	84.4	84.9	85.1	85.5	86.5	87.6	87.6
IV 700	41.2	53.6	56.5	67.9	73.5	74.8	79.0	82.8	83.6	84.7	84.9	85.5	85.7	86.1	87.0	88.2	88.2
IV 600	41.2	53.6	56.5	68.1	74.2	75.6	79.8	83.6	84.4	85.5	85.7	86.3	86.8	87.0	87.4	88.4	88.4
IV 500	41.2	53.6	56.5	68.3	74.4	75.8	80.2	84.4	85.3	87.0	87.2	87.8	88.4	88.9	90.1	91.2	91.2
IV 400	41.2	53.6	56.5	68.3	74.4	75.8	80.2	84.4	85.3	87.0	87.2	87.8	88.4	88.9	90.1	91.2	91.2
IV 300	41.2	53.6	56.5	68.3	74.4	75.8	80.2	84.4	85.3	87.0	87.2	87.8	88.4	88.9	90.1	91.2	91.2
IV 200	41.2	53.6	56.5	68.3	74.4	75.8	80.2	84.4	85.3	87.0	87.2	87.8	88.4	88.9	90.1	91.2	91.2
IV 100	41.2	53.6	56.5	68.3	74.4	75.8	80.2	84.4	85.3	87.0	87.2	87.8	88.4	88.9	90.1	91.2	91.2
IV 0	41.2	53.6	56.5	68.3	74.4	75.8	80.2	84.4	85.3	87.0	87.2	87.8	88.4	88.9	90.1	91.2	91.2

TOTAL NUMBER OF OBSERVATIONS 524

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	10.9	13.7	14.7	16.8	17.1	17.1	17.9	18.1	18.1	18.3	18.3	18.3	18.3	18.5	18.7	19.2
≥ 20000	11.0	14.9	16.0	18.3	18.7	18.7	19.6	20.2	20.2	20.6	20.6	20.6	20.6	20.8	21.0	21.5
IV 18000	11.6	14.9	16.0	18.5	18.9	18.9	19.8	20.4	20.4	20.6	20.8	20.8	20.8	21.0	21.1	21.7
IV 16000	11.6	14.9	16.0	18.5	18.9	18.9	19.8	20.4	20.4	20.8	20.8	20.8	20.8	21.0	21.1	21.7
IV 14000	11.6	14.9	16.0	18.5	18.9	18.9	19.8	20.4	20.4	21.0	21.0	21.0	21.0	21.1	21.3	21.9
IV 12000	11.6	14.9	16.0	18.9	19.4	19.4	20.4	21.0	21.0	21.5	21.5	21.5	21.5	21.7	21.9	22.5
IV 10000	12.0	15.2	17.1	20.0	20.6	20.6	21.7	22.3	22.3	22.9	22.9	22.9	22.9	23.0	23.2	23.8
IV 9000	13.1	16.6	18.5	21.3	21.9	21.9	23.0	23.6	23.6	24.2	24.2	24.2	24.2	24.4	24.6	25.1
IV 8000	15.6	20.4	22.3	25.9	26.9	26.9	28.2	28.8	28.8	29.3	29.3	29.3	29.3	29.5	29.7	30.3
IV 7000	17.1	22.1	24.0	27.8	29.0	29.0	30.3	31.0	31.0	31.8	31.8	31.8	31.8	32.0	32.2	32.8
IV 6000	17.1	22.1	24.0	27.8	29.0	29.0	30.3	31.0	31.0	31.8	31.8	31.8	31.8	32.0	32.2	32.8
IV 5000	17.5	22.5	24.4	28.2	29.5	29.5	30.9	31.6	31.6	32.4	32.4	32.4	32.4	32.6	32.8	33.3
IV 4500	16.9	24.6	26.7	30.5	32.2	32.2	33.5	34.3	34.3	35.0	35.0	35.0	35.0	35.2	35.4	36.0
IV 4000	21.7	28.6	30.9	36.2	38.1	38.3	40.0	41.0	41.1	42.1	42.1	42.1	42.1	42.3	42.5	43.0
IV 3500	25.1	32.6	34.9	40.8	43.2	43.6	45.5	46.7	46.9	47.8	47.8	47.8	47.8	48.0	48.2	48.6
IV 3000	30.5	38.9	41.1	48.4	52.2	52.6	55.2	56.6	56.8	57.7	57.7	57.7	57.7	57.9	58.1	58.7
IV 2500	32.2	40.8	43.0	50.9	55.2	55.6	58.7	60.2	60.6	61.7	61.7	61.7	61.9	62.1	62.3	62.9
IV 2000	36.8	46.3	49.3	58.1	63.0	63.4	66.9	68.8	69.1	70.5	70.5	70.7	70.9	71.0	71.4	72.0
IV 1800	37.0	46.5	49.7	58.5	63.8	64.2	67.6	69.7	70.3	71.6	71.6	71.8	72.0	72.2	72.6	73.1
IV 1500	39.0	49.3	52.6	62.3	67.6	68.2	71.8	74.3	75.0	76.4	76.4	77.0	77.1	77.5	77.9	78.5
IV 1200	40.0	50.3	53.9	65.1	71.8	72.6	77.0	79.6	80.4	81.7	81.7	82.3	82.5	83.2	83.6	84.2
IV 1000	40.0	50.3	53.9	65.5	72.8	73.5	77.9	80.8	81.7	83.2	83.2	83.8	84.0	84.8	85.1	85.7
IV 900	40.0	50.3	53.9	65.5	72.8	73.5	77.9	80.8	81.7	83.2	83.2	83.8	84.0	84.8	85.1	85.7
IV 800	40.0	50.7	54.3	65.9	73.1	73.9	78.5	81.3	82.3	83.8	83.8	84.4	84.6	85.3	85.7	86.3
IV 700	40.0	50.7	54.5	66.1	73.3	74.1	78.7	81.5	82.7	84.2	84.2	85.0	85.1	85.9	86.3	86.9
IV 600	40.0	50.7	54.5	66.1	73.7	74.5	79.0	82.7	83.8	85.7	85.9	86.7	86.9	87.6	88.0	88.6
IV 500	40.0	50.7	54.5	66.1	73.7	74.5	79.4	83.6	84.8	86.9	87.0	88.0	88.6	89.3	89.7	90.3
IV 400	40.0	50.7	54.5	66.1	73.7	74.5	79.4	83.6	85.0	87.6	88.6	89.5	90.1	90.9	91.8	92.8
IV 300	40.0	50.7	54.5	66.1	73.7	74.5	79.4	83.6	85.0	88.0	89.3	90.3	90.9	91.6	93.1	94.1
IV 200	40.0	50.7	54.5	66.1	73.7	74.5	79.4	83.6	85.0	88.0	89.3	90.5	91.2	92.4	94.3	97.3
IV 100	40.0	50.7	54.5	66.1	73.7	74.5	79.4	83.6	85.0	88.0	89.3	90.5	91.2	92.6	94.7	99.4
IV 0	40.0	50.7	54.5	66.1	73.7	74.5	79.4	83.6	85.0	88.0	89.3	90.5	91.2	92.6	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 525

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING	12.5	14.3	14.8	18.4	19.1	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.5	19.5	19.7
≥ 20000	14.6	16.7	17.4	21.8	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.3
≥ 18000	14.6	16.7	17.4	22.0	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.3	23.5
≥ 16000	14.6	16.7	17.4	22.0	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.3	23.5
≥ 14000	15.0	17.1	17.8	22.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.8
≥ 12000	15.9	18.0	18.9	24.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.3	25.3	25.5
≥ 10000	16.3	18.6	19.5	25.1	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.5	26.5	26.6
≥ 9000	17.1	19.3	20.3	25.9	26.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.2	27.4	27.6
≥ 8000	20.5	23.5	24.8	31.3	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.0	33.2	33.4
≥ 7000	22.1	25.1	26.5	34.0	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.2	36.4	36.6
≥ 6000	22.3	25.3	26.6	34.5	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8	37.0	37.1
≥ 5000	22.7	25.7	27.0	35.8	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.3	38.5
≥ 4500	24.0	27.2	28.7	37.5	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2	40.3	40.5
≥ 4000	29.3	33.3	34.5	44.5	46.5	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.7	47.8
≥ 3500	33.0	37.0	38.5	49.9	52.0	52.9	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	54.0	54.2
≥ 3000	38.6	43.5	45.1	58.5	60.8	61.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.4	64.0
≥ 2500	41.8	47.5	49.2	62.9	65.1	66.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.7	67.9	68.5
≥ 2000	46.3	52.3	54.2	68.9	71.7	73.0	74.3	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.6	75.8	76.4
≥ 1800	46.5	52.5	54.6	69.6	72.4	73.7	75.0	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.5	76.7	77.3
≥ 1500	46.9	53.5	55.5	72.2	75.2	76.7	78.0	79.4	79.4	79.4	79.4	79.7	79.7	79.7	80.3	80.5	81.1
≥ 1200	47.5	54.4	56.5	74.9	79.4	81.4	82.9	84.2	84.2	84.4	84.8	84.8	84.8	85.4	85.6	85.6	86.1
≥ 1000	47.8	54.8	57.0	75.6	80.1	82.4	84.4	85.7	85.7	85.9	86.3	86.3	86.3	86.9	87.1	87.1	87.6
≥ 900	47.8	54.8	57.0	75.6	80.1	82.4	84.4	85.7	85.7	85.9	86.3	86.3	86.3	86.9	87.1	87.1	87.6
≥ 800	47.8	54.8	57.0	75.6	80.1	82.4	84.4	85.7	85.7	85.9	86.3	86.3	86.3	86.9	87.1	87.1	87.6
≥ 700	47.8	54.8	57.0	75.6	80.5	82.9	85.6	87.4	87.8	88.2	88.6	88.6	88.6	89.3	89.5	89.5	90.1
≥ 600	47.8	54.8	57.0	75.6	80.9	83.3	86.5	88.7	89.1	89.5	89.9	89.9	89.9	90.6	90.8	90.8	91.4
≥ 500	47.8	54.8	57.0	75.6	80.9	83.5	87.1	89.3	89.7	90.1	90.4	90.4	90.4	91.2	91.4	91.4	92.1
≥ 400	47.8	54.8	57.0	75.6	81.1	83.7	87.2	89.5	89.9	90.4	91.0	91.0	91.0	91.9	93.1	93.4	94.6
≥ 300	47.8	54.8	57.0	75.6	81.1	83.7	87.4	89.7	90.1	90.8	91.4	91.6	91.6	93.1	94.4	94.7	95.9
≥ 200	47.8	54.8	57.0	75.6	81.1	83.7	87.4	89.7	90.1	91.0	91.6	91.6	91.6	93.2	95.1	96.1	98.1
≥ 100	47.8	54.8	57.0	75.6	81.1	83.7	87.4	89.7	90.1	91.0	91.6	91.6	91.6	93.2	95.5	97.2	99.4
≥ 0	47.8	54.8	57.0	75.6	81.1	83.7	87.4	89.7	90.1	91.0	91.6	91.6	91.6	93.2	95.5	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 533

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 335 FINTHEN AAF, DL

73-81

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.0
NO CEILING	11.8	15.0	15.6	18.1	18.3	18.4	18.6	18.6	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 20000	15.4	18.8	19.6	24.3	24.5	24.7	25.1	25.3	25.7	25.9	26.0	26.0	26.0	26.0	26.0	26.0
IV 18000	15.8	19.2	20.0	24.9	25.1	25.3	25.7	25.9	26.2	26.4	26.6	26.6	26.6	26.6	26.6	26.6
IV 16000	15.8	19.2	20.0	24.9	25.1	25.3	25.7	25.9	26.2	26.4	26.6	26.6	26.6	26.6	26.6	26.6
IV 14000	15.8	19.2	20.0	24.9	25.1	25.3	25.7	25.9	26.2	26.4	26.6	26.6	26.6	26.6	26.6	26.6
IV 12000	16.0	19.4	20.2	26.2	26.4	26.6	27.2	27.4	27.8	27.9	28.1	28.1	28.1	28.1	28.1	28.1
IV 10000	17.5	21.3	22.1	29.7	29.8	30.0	30.8	31.0	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7
IV 9000	17.7	21.5	22.2	30.0	30.2	30.4	31.2	31.4	31.7	31.9	32.1	32.1	32.1	32.1	32.1	32.1
IV 8000	21.9	26.0	27.2	35.9	36.1	36.3	37.1	37.3	37.6	37.8	38.0	38.0	38.0	38.0	38.0	38.0
IV 7000	24.3	28.5	29.7	39.2	39.4	39.5	40.3	40.5	40.9	41.1	41.3	41.3	41.3	41.3	41.3	41.3
IV 6000	24.7	28.9	30.0	39.5	39.7	39.9	40.7	40.9	41.3	41.4	41.6	41.6	41.6	41.6	41.6	41.6
IV 5000	25.7	29.8	31.0	40.7	40.9	41.1	41.8	42.0	42.4	42.6	42.8	42.8	43.2	43.2	43.2	43.2
IV 4500	26.8	31.2	32.3	42.4	42.6	42.8	43.5	43.7	44.1	44.3	44.5	44.5	44.9	44.9	44.9	44.9
IV 4000	30.0	35.4	36.5	48.1	48.3	48.9	49.6	50.0	50.8	51.0	51.1	51.1	51.5	51.5	51.5	51.5
IV 3500	34.8	40.3	41.6	53.8	54.2	55.3	56.3	56.7	57.6	57.8	58.0	58.0	58.4	58.4	58.4	58.4
IV 3000	42.0	48.7	50.0	63.3	63.9	65.0	66.3	66.7	67.7	67.9	68.1	68.1	68.4	68.4	68.4	68.4
IV 2500	44.1	51.3	53.0	66.7	67.5	68.6	70.0	70.3	71.3	71.5	71.7	71.7	72.1	72.1	72.1	72.1
IV 2000	48.5	55.9	57.6	71.9	73.0	74.3	75.9	76.4	77.4	77.6	77.8	77.8	78.1	78.1	78.1	78.1
IV 1800	48.7	56.5	58.2	72.4	73.6	74.9	76.6	77.2	78.1	78.3	78.5	78.5	78.9	78.9	78.9	78.9
IV 1500	48.9	57.2	58.9	73.2	74.5	75.9	77.8	78.9	79.8	80.2	80.6	80.6	81.0	81.0	81.2	81.2
IV 1200	49.8	58.4	60.1	75.9	78.5	80.2	82.1	83.3	84.2	85.0	85.4	85.4	85.7	85.7	85.9	85.9
IV 1000	49.8	58.6	60.3	76.4	79.8	82.3	85.6	86.9	88.0	88.8	89.2	89.2	89.5	89.5	89.7	89.7
IV 900	49.8	58.6	60.3	76.4	80.0	82.7	86.1	87.8	89.0	89.7	90.1	90.1	90.5	90.5	90.7	90.7
IV 800	49.8	58.6	60.3	76.4	80.0	82.9	86.3	88.2	89.4	90.1	90.5	90.5	91.1	91.1	91.3	91.3
IV 700	49.8	58.6	60.3	76.4	80.0	82.9	86.3	88.2	89.5	90.5	90.9	90.9	91.4	91.4	91.8	91.8
IV 600	49.8	58.6	60.3	76.4	80.4	83.3	86.7	88.6	90.1	91.1	91.4	91.4	92.0	92.0	92.4	92.4
IV 500	49.8	58.6	60.5	77.0	80.6	83.5	87.3	89.2	90.7	91.8	92.2	92.2	93.0	93.0	93.5	93.9
IV 400	49.8	58.6	60.5	77.0	80.6	83.5	87.3	89.2	90.7	92.0	92.4	92.6	93.5	94.1	94.3	94.9
IV 300	49.8	58.6	60.5	77.0	80.6	83.5	87.3	89.2	90.7	92.2	92.6	93.2	94.5	95.6	96.4	97.0
IV 200	49.8	58.6	60.5	77.0	80.6	83.5	87.3	89.2	90.7	92.2	92.6	93.2	94.7	97.1	98.1	99.0
IV 100	49.8	58.6	60.5	77.0	80.6	83.5	87.3	89.2	90.7	92.2	92.6	93.2	94.7	97.3	98.3	99.8
IV 0	49.8	58.6	60.5	77.0	80.6	83.5	87.3	89.2	90.7	92.2	92.6	93.2	94.7	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 526

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

106335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING	16.4	19.6	19.9	23.1	25.1	25.3	25.6	25.8	26.7	26.0	26.5	26.5	26.5	26.5	26.5	26.7
≥ 20000	16.0	21.7	21.9	27.4	29.7	29.9	30.4	30.6	30.8	30.8	31.3	31.3	31.3	31.3	31.3	31.7
IV 18000	19.0	21.7	21.9	27.4	29.7	29.9	30.4	30.6	30.8	30.8	31.3	31.3	31.3	31.3	31.3	31.7
16000	18.0	21.7	21.9	27.4	29.7	29.9	30.4	30.6	30.8	30.8	31.3	31.3	31.3	31.3	31.3	31.7
IV 14000	18.0	21.7	21.9	27.4	29.7	29.9	30.4	30.6	30.8	30.8	31.3	31.3	31.3	31.3	31.3	31.7
12000	18.9	22.8	23.1	28.5	30.8	31.1	31.7	32.0	32.2	32.2	32.6	32.6	32.6	32.6	32.6	33.1
IV 10000	21.0	24.9	25.1	31.1	33.3	33.6	34.2	34.5	34.7	34.7	35.2	35.2	35.2	35.2	35.2	35.6
9000	21.2	25.1	25.3	31.3	33.6	33.8	34.5	34.7	34.9	34.9	35.4	35.4	35.4	35.4	35.4	35.8
IV 8000	24.0	28.3	28.8	34.7	37.7	37.9	38.6	38.8	39.0	39.0	39.5	39.5	39.5	39.5	39.5	40.0
7000	25.3	29.9	30.4	37.0	40.0	40.2	40.9	41.1	41.3	41.3	41.8	41.8	41.8	41.8	41.8	42.2
IV 6000	25.8	30.4	30.8	37.4	40.4	40.6	41.3	41.6	41.8	41.8	42.2	42.2	42.2	42.2	42.2	42.7
5000	26.5	32.0	32.4	39.0	42.0	42.2	42.9	43.2	43.4	43.4	43.8	43.8	43.8	43.8	43.8	44.3
IV 4500	27.6	33.3	33.7	41.6	44.5	44.7	45.4	45.7	45.9	45.9	46.3	46.3	46.3	46.3	46.3	46.8
4000	30.6	38.1	38.6	46.6	49.8	50.0	50.9	51.1	52.1	52.1	52.5	52.5	52.5	52.5	52.5	53.0
IV 3500	35.4	44.1	44.5	55.3	58.4	58.7	59.6	59.8	60.7	60.7	61.2	61.2	61.2	61.2	61.2	61.6
3000	41.6	51.8	52.7	63.9	67.8	68.0	68.9	69.4	70.5	70.5	71.0	71.0	71.0	71.0	71.0	71.5
IV 2500	43.4	54.1	55.0	66.9	71.0	71.2	72.1	72.6	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.7
2000	47.0	57.8	58.7	70.8	76.0	76.3	77.6	78.3	79.5	79.5	79.9	79.9	79.9	79.9	79.9	80.4
IV 1800	47.0	57.8	58.7	70.8	76.0	76.3	77.6	78.3	79.5	79.5	79.9	79.9	79.9	79.9	79.9	80.4
1500	48.6	60.0	61.0	73.3	78.8	79.0	80.6	81.3	82.4	82.4	82.9	82.9	82.9	82.9	82.9	83.8
IV 1200	49.5	61.2	62.1	74.9	81.1	81.3	82.9	83.6	84.9	85.2	85.6	85.6	85.6	85.6	85.6	86.5
1000	49.5	61.4	62.3	75.6	83.6	84.0	86.1	87.2	88.6	89.3	90.0	90.0	90.0	90.0	90.0	90.9
IV 900	49.5	61.4	62.3	75.6	84.0	84.5	86.5	88.6	90.0	90.6	91.3	91.3	91.3	91.3	91.3	92.2
800	49.5	61.4	62.3	75.8	84.2	84.7	86.8	88.8	90.2	90.9	91.6	91.6	91.6	91.6	91.6	92.5
IV 700	49.5	61.4	62.3	75.8	84.2	84.7	86.8	88.8	90.9	92.2	92.9	92.9	92.9	92.9	92.9	93.8
600	49.5	61.4	62.3	75.8	84.2	84.7	86.8	88.8	90.9	92.2	92.9	92.9	92.9	92.9	92.9	93.8
IV 500	49.5	61.4	62.3	75.8	84.2	84.7	86.8	88.8	90.9	92.2	92.9	92.9	92.9	92.9	92.9	93.8
400	49.5	61.4	62.3	75.8	84.2	84.7	86.8	89.0	91.1	92.5	93.2	93.2	93.6	93.6	93.6	94.7
IV 300	49.5	61.4	62.3	75.8	84.2	84.7	86.8	89.3	91.6	93.2	93.8	94.1	95.2	95.7	95.9	97.0
200	49.5	61.4	62.3	75.8	84.2	84.7	86.8	89.3	91.6	93.2	93.8	94.1	95.2	97.5	97.7	98.9
IV 100	49.5	61.4	62.3	75.8	84.2	84.7	86.8	89.3	91.6	93.2	93.8	94.1	95.4	97.7	98.2	99.5
0	49.5	61.4	62.3	75.8	84.2	84.7	86.8	89.3	91.6	93.2	93.8	94.1	95.4	97.7	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

106335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

NOV
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0	
NO CEILING	13.7	16.0	16.6	19.0	20.0	20.2	20.6	20.7	20.8	20.9	21.0	21.0	21.0	21.0	21.1	21.3	21.5
IV 20000	14.8	18.0	19.8	22.2	23.2	23.4	23.9	24.3	24.4	24.6	24.7	24.7	24.7	24.9	25.0	25.0	25.3
IV 18000	14.9	18.1	18.9	22.4	23.4	23.6	24.2	24.5	24.6	24.8	24.9	25.0	25.0	25.0	25.1	25.2	25.5
IV 16000	14.9	18.2	18.9	22.4	23.5	23.6	24.2	24.5	24.7	24.8	25.0	25.0	25.0	25.0	25.1	25.2	25.5
IV 14000	15.0	18.2	19.0	22.5	23.5	23.7	24.3	24.6	24.7	24.9	25.1	25.1	25.1	25.1	25.2	25.4	25.7
IV 12000	15.3	18.6	19.5	23.5	24.5	24.7	25.4	25.7	25.8	26.0	26.1	26.2	26.2	26.3	26.4	26.7	
IV 10000	16.3	19.8	20.8	25.4	26.4	26.6	27.4	27.7	27.8	28.0	28.2	28.2	28.2	28.3	28.4	28.7	
IV 9000	16.7	20.3	21.4	26.0	27.0	27.2	28.0	28.3	28.5	28.6	28.8	28.8	28.9	29.0	29.1	29.4	
IV 8000	19.7	24.0	25.4	30.6	31.9	32.1	33.0	33.3	33.4	33.6	33.8	33.8	33.8	34.0	34.1	34.4	
IV 7000	21.3	25.7	27.1	32.8	34.3	34.5	35.3	35.7	35.9	36.2	36.3	36.3	36.4	36.5	36.6	36.9	
IV 6000	21.5	25.9	27.2	33.0	34.5	34.7	35.6	36.0	36.2	36.4	36.6	36.6	36.6	36.8	36.9	37.2	
IV 5000	22.2	26.8	28.1	34.1	35.6	35.8	36.7	37.1	37.3	37.5	37.7	37.7	37.9	38.0	38.1	38.4	
IV 4500	23.3	28.2	29.6	36.0	37.7	38.0	38.8	39.3	39.4	39.7	39.9	39.9	40.0	40.1	40.2	40.6	
IV 4000	26.8	32.5	34.7	41.4	43.2	43.7	44.7	45.3	45.7	46.0	46.2	46.3	46.4	46.5	46.6	46.9	
IV 3500	31.2	37.5	39.1	47.7	49.8	50.5	51.8	52.5	52.9	53.3	53.5	53.5	53.6	53.7	53.8	54.2	
IV 3000	36.8	44.1	45.9	56.0	58.7	59.6	61.2	62.0	62.5	62.9	63.1	63.1	63.2	63.4	63.5	63.9	
IV 2500	39.2	46.9	48.8	59.3	62.3	63.2	64.9	65.8	66.3	66.7	66.9	67.0	67.1	67.2	67.4	67.9	
IV 2000	43.3	51.8	53.8	65.3	68.7	69.7	71.7	72.9	73.4	73.9	74.2	74.2	74.5	74.6	74.8	75.3	
IV 1800	43.5	52.1	54.2	65.7	69.3	70.3	72.3	73.6	74.2	74.6	74.9	75.0	75.2	75.3	75.6	76.1	
IV 1500	44.8	54.2	56.3	68.5	72.3	73.4	75.7	77.3	77.9	78.5	78.8	79.0	79.2	79.4	79.7	80.3	
IV 1200	45.7	55.4	57.6	71.0	75.9	77.2	79.7	81.5	82.2	82.9	83.2	83.4	83.7	83.9	84.2	84.8	
IV 1000	45.9	55.6	57.9	71.8	77.5	79.0	82.1	84.1	84.9	85.8	86.1	86.3	86.6	86.9	87.1	87.7	
IV 900	45.9	55.7	58.0	72.0	77.8	79.4	82.5	84.8	85.6	86.5	86.9	87.0	87.3	87.6	87.8	88.4	
IV 800	46.0	55.8	58.1	72.3	78.0	79.7	82.9	85.3	86.2	87.1	87.5	87.7	88.0	88.3	88.6	89.2	
IV 700	46.1	55.9	58.2	72.4	78.2	79.9	83.7	86.4	87.6	88.7	89.1	89.4	89.7	90.0	90.3	90.9	
IV 600	46.1	55.9	58.2	72.5	78.6	80.3	83.7	86.4	87.6	88.7	89.1	89.4	89.7	90.0	90.3	90.9	
IV 500	46.1	55.9	58.2	72.5	78.6	80.3	84.0	87.0	88.1	89.4	89.8	90.1	90.5	90.9	91.2	91.9	
IV 400	46.1	55.9	58.2	72.6	78.7	80.4	84.2	87.2	88.4	89.9	90.5	90.9	91.5	92.1	92.6	93.6	
IV 300	46.1	55.9	58.2	72.6	78.7	80.4	84.2	87.3	88.6	90.3	91.0	91.5	92.6	93.5	94.5	95.4	
IV 200	46.1	55.9	58.2	72.6	78.7	80.4	84.2	87.4	88.6	90.5	91.1	91.7	92.9	94.7	96.0	98.1	
IV 100	46.1	55.9	58.2	72.6	78.7	80.4	84.2	87.4	88.6	90.5	91.1	91.7	93.0	95.0	96.7	99.5	
IV 0	46.1	55.9	58.2	72.6	78.7	80.4	84.2	87.4	88.6	90.5	91.1	91.7	93.0	95.0	96.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 2639

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

106335 FINTHEN AAF, DL

73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING -FEET-	VISIBILITY - STATUTE MILES-															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	13.3	16.9	18.1	19.3	21.7	21.7	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 20000	13.3	16.9	18.1	19.3	21.7	21.7	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 18000	13.3	16.9	18.1	19.3	21.7	21.7	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 16000	13.3	16.9	18.1	19.3	21.7	21.7	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 14000	13.3	16.9	18.1	19.3	21.7	21.7	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 12000	13.3	16.9	18.1	19.3	21.7	21.7	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 10000	13.3	16.9	18.1	19.3	21.7	21.7	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 9000	13.3	16.9	18.1	19.3	21.7	21.7	21.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
IV 8000	13.3	18.1	19.3	20.5	22.9	22.9	22.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
IV 7000	13.3	18.1	19.3	20.5	22.9	22.9	22.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
IV 6000	13.3	18.1	19.3	20.5	22.9	22.9	22.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
IV 5000	14.5	19.3	20.5	21.7	24.1	24.1	24.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
IV 4500	14.5	19.3	20.5	21.7	25.3	25.3	25.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
IV 4000	15.7	20.5	21.7	22.9	26.5	26.5	26.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
IV 3500	21.7	28.9	30.1	32.5	36.1	36.1	36.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
IV 3000	27.7	36.1	37.3	39.8	43.4	43.4	43.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 2500	30.1	39.8	41.0	44.6	48.2	48.2	48.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 2000	31.3	41.0	42.2	47.0	50.6	50.6	50.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 1800	31.3	42.2	43.4	49.4	53.0	53.0	53.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 1500	33.7	45.8	47.0	54.2	57.8	57.8	60.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	65.1	65.1
IV 1200	36.1	49.4	50.6	59.0	62.7	62.7	65.1	68.7	68.7	69.9	69.9	69.9	69.9	69.9	71.1	71.1
IV 1000	39.8	53.0	54.2	63.9	67.5	67.5	69.9	73.5	73.5	75.9	75.9	75.9	75.9	75.9	78.3	78.3
IV 900	39.8	53.0	54.2	63.9	67.5	67.5	69.9	74.7	74.7	77.1	77.1	77.1	77.1	77.1	79.5	79.5
IV 800	39.8	53.0	54.2	65.1	68.7	68.7	71.1	75.9	75.9	78.3	78.3	78.3	78.3	78.3	80.7	80.7
IV 700	39.8	53.0	54.2	65.1	68.7	68.7	72.3	77.1	77.1	79.5	79.5	79.5	79.5	79.5	81.9	81.9
IV 600	39.8	53.0	54.2	66.3	69.9	69.9	74.7	79.5	79.5	81.9	81.9	81.9	81.9	81.9	84.3	84.3
IV 500	39.8	53.0	54.2	66.3	69.9	69.9	74.7	80.7	80.7	83.1	83.1	83.1	83.1	83.1	85.5	85.5
IV 400	39.8	53.0	54.2	66.3	69.9	69.9	74.7	81.9	81.9	84.3	84.3	84.3	84.3	84.3	86.7	86.7
IV 300	39.8	53.0	54.2	66.3	69.9	69.9	74.7	81.9	81.9	85.5	85.5	85.5	85.5	85.5	89.2	89.2
IV 200	39.8	53.0	54.2	66.3	69.9	69.9	74.7	81.9	81.9	86.7	86.7	86.7	86.7	86.7	92.8	92.8
IV 100	39.8	53.0	54.2	66.3	69.9	69.9	74.7	81.9	81.9	86.7	86.7	86.7	86.7	86.7	92.8	92.8
IV 0	39.8	53.0	54.2	66.3	69.9	69.9	74.7	81.9	81.9	86.7	86.7	86.7	86.7	86.7	92.8	92.8

TOTAL NUMBER OF OBSERVATIONS 83

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-2400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	10.9	14.4	16.3	18.3	19.0	19.2	19.6	20.2	20.4	20.6	20.6	20.6	21.0	21.0	21.0	21.2
≥ 20000	11.0	14.6	16.5	18.5	19.2	19.4	19.8	20.4	20.6	21.0	21.0	21.0	21.3	21.5	21.5	21.7
IV 18000	11.0	14.6	16.5	18.5	19.2	19.4	19.8	20.4	20.6	21.0	21.0	21.0	21.3	21.5	21.5	21.7
IV 16000	11.0	14.6	16.5	18.5	19.2	19.4	19.8	20.4	20.6	21.0	21.0	21.0	21.3	21.5	21.5	21.7
IV 14000	11.0	14.6	16.5	18.5	19.2	19.4	19.8	20.4	20.6	21.0	21.0	21.0	21.3	21.5	21.5	21.7
IV 12000	11.0	14.6	16.5	18.5	19.2	19.4	19.8	20.4	20.6	21.0	21.0	21.0	21.3	21.5	21.5	21.7
IV 10000	11.7	14.6	16.5	18.5	19.2	19.4	19.8	21.0	21.2	21.5	21.5	21.5	21.9	22.1	22.1	22.3
IV 9000	11.0	14.6	16.5	18.5	19.2	19.4	19.8	21.0	21.2	21.5	21.5	21.5	21.9	22.1	22.1	22.3
IV 8000	11.5	16.3	19.0	21.0	21.7	21.9	22.3	23.5	23.7	24.0	24.0	24.0	24.4	24.8	24.8	25.0
IV 7000	12.5	17.7	20.4	22.5	23.3	23.5	24.0	25.2	25.4	25.8	26.0	26.0	26.3	26.7	26.7	26.9
IV 6000	12.5	17.7	20.4	22.9	23.7	23.8	24.4	25.6	25.8	26.2	26.3	26.3	26.7	27.1	27.1	27.3
IV 5000	13.3	18.8	21.5	24.0	24.8	25.0	25.6	26.7	26.9	27.3	27.5	27.5	27.9	28.3	28.3	28.5
IV 4500	13.3	19.0	21.7	24.4	25.4	25.6	26.3	27.5	27.7	28.1	28.3	28.3	28.7	29.0	29.0	29.2
IV 4000	15.6	22.1	25.4	28.7	29.6	29.8	30.8	31.9	32.1	32.5	32.7	32.7	33.1	33.5	33.5	33.7
IV 3500	17.9	25.8	29.8	33.8	34.8	35.4	36.3	37.5	37.7	38.3	38.5	38.5	38.8	39.2	39.2	39.4
IV 3000	23.3	32.5	38.5	43.8	45.2	45.8	46.7	48.7	48.8	49.4	49.6	49.6	50.0	50.4	50.4	50.6
IV 2500	25.8	35.8	41.7	47.7	49.0	49.8	50.8	52.7	52.9	53.5	53.7	53.7	54.0	54.6	54.6	54.8
IV 2000	27.5	38.8	45.4	54.2	56.0	56.7	58.3	60.8	61.0	61.5	61.7	61.7	62.1	62.7	62.7	63.1
IV 1800	29.8	40.2	46.7	55.6	57.7	58.5	60.0	62.7	63.1	63.8	64.0	64.0	64.6	65.2	65.2	65.6
IV 1500	32.1	43.8	50.4	59.8	62.7	63.5	65.4	68.1	68.7	69.6	69.8	69.8	70.4	71.0	71.0	71.3
IV 1200	33.8	46.7	53.7	64.6	67.5	68.3	71.0	73.8	74.6	75.6	75.8	75.8	76.3	77.1	77.1	77.5
IV 1000	35.2	48.5	56.0	67.7	70.6	71.3	74.0	77.1	78.1	79.6	79.8	80.0	80.8	81.5	81.9	82.5
IV 900	35.2	48.5	56.0	68.8	72.1	72.9	75.2	78.5	79.4	81.0	81.2	81.3	82.1	82.9	83.3	83.8
IV 800	35.2	48.5	56.0	68.8	72.1	72.9	76.0	79.2	80.2	81.9	82.1	82.3	83.1	83.8	84.2	84.8
IV 700	35.4	48.7	56.2	69.0	72.5	73.3	76.3	79.6	80.6	82.3	82.5	82.7	83.5	84.2	84.6	85.2
IV 600	35.4	48.7	56.2	69.2	72.7	73.5	76.5	79.8	81.2	82.9	83.1	83.3	84.0	84.8	85.2	85.8
IV 500	35.4	48.7	56.2	69.2	72.9	73.7	77.1	80.8	82.5	84.2	84.4	84.6	85.4	86.5	86.9	87.5
IV 400	35.4	48.7	56.2	69.2	72.9	73.7	77.1	81.2	83.3	85.4	85.6	85.8	86.9	88.1	89.2	90.0
IV 300	35.4	48.7	56.2	69.2	72.9	73.7	77.5	81.7	83.8	86.7	86.9	87.3	89.0	90.2	91.5	92.3
IV 200	35.4	48.7	56.2	69.2	72.9	73.7	77.5	81.9	84.0	86.9	87.1	87.5	89.6	92.1	94.4	96.3
IV 100	35.4	48.7	56.2	69.2	72.9	73.7	77.5	81.9	84.0	86.9	87.1	87.5	89.6	92.5	95.4	99.4
IV 0	35.4	48.7	56.2	69.2	72.9	73.7	77.5	81.9	84.0	86.9	87.1	87.5	89.6	92.7	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 520

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

16335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2200-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING	9.1	11.3	13.3	17.2	17.9	18.5	19.0	19.6	19.6	19.8	19.8	19.8	19.8	20.0	20.1	20.1
≥20000	10.2	13.1	15.3	19.6	20.7	21.3	21.8	22.4	22.4	22.6	22.6	22.6	22.6	22.7	22.9	22.9
≥18000	10.2	13.1	15.3	19.6	20.7	21.3	21.8	22.6	22.6	22.9	22.9	22.9	22.9	23.1	23.3	23.3
≥16000	10.2	13.1	15.3	19.6	20.7	21.3	21.8	22.6	22.6	22.9	22.9	22.9	22.9	23.1	23.3	23.3
≥14000	10.2	13.1	15.3	19.6	20.7	21.3	21.8	22.6	22.6	22.9	22.9	22.9	22.9	23.1	23.3	23.3
≥12000	10.2	13.1	15.3	19.6	20.7	21.3	21.8	22.6	22.6	22.9	22.9	22.9	22.9	23.1	23.3	23.3
≥10000	10.9	14.0	16.3	20.7	21.8	22.6	23.3	24.0	24.0	24.4	24.4	24.4	24.4	24.6	24.8	24.8
≥9000	11.1	14.2	16.5	20.9	22.0	22.7	23.5	24.2	24.2	24.6	24.6	24.6	24.6	24.8	25.0	25.0
≥8000	14.2	17.7	20.5	25.1	26.8	27.5	28.3	29.4	29.6	30.1	30.1	30.3	30.3	30.5	30.7	30.7
≥7000	15.2	18.7	21.4	26.8	28.5	29.2	29.9	31.2	31.4	32.0	32.0	32.2	32.2	32.3	32.5	32.5
≥6000	15.2	18.7	21.4	26.8	28.5	29.2	29.9	31.2	31.4	32.0	32.0	32.2	32.2	32.3	32.5	32.5
≥5000	15.7	19.2	22.7	27.4	29.2	30.1	30.9	32.2	32.3	32.9	32.9	33.1	33.1	33.3	33.5	33.5
≥4500	16.8	20.7	23.5	29.2	31.4	32.3	33.3	34.8	34.9	35.7	35.7	35.9	35.9	36.0	36.2	36.2
≥4000	18.7	22.7	25.7	31.8	34.2	35.1	36.0	37.5	37.7	38.4	38.4	38.6	38.6	38.8	39.0	39.0
≥3500	22.0	26.2	29.4	36.4	38.8	39.7	40.7	42.1	42.3	43.1	43.1	43.3	43.3	43.4	43.6	43.6
≥3000	27.2	31.4	34.8	43.1	45.7	47.1	48.6	50.5	51.0	51.8	51.8	51.9	51.9	52.1	52.5	52.5
≥2500	31.2	36.6	39.9	48.2	50.8	52.5	54.0	55.8	56.4	57.1	57.1	57.3	57.3	57.5	57.9	57.9
≥2000	34.8	41.8	46.0	55.3	59.1	60.8	63.2	65.4	66.0	66.9	66.9	67.3	67.3	67.8	68.0	68.0
≥1800	35.3	42.5	46.8	56.0	59.9	61.7	64.1	66.5	67.3	68.2	68.2	68.6	68.6	69.1	69.3	70.1
≥1500	36.4	44.4	48.6	58.2	62.7	65.1	67.8	70.2	71.3	72.5	72.5	73.0	73.0	73.6	73.9	74.7
≥1200	37.2	46.0	50.3	60.6	65.1	67.5	70.4	72.8	74.1	75.2	75.4	75.8	75.8	76.5	77.3	78.0
≥1000	37.9	47.1	51.6	62.8	67.3	70.1	73.2	75.6	76.9	78.4	78.6	78.9	78.9	79.9	80.6	81.3
≥900	38.1	47.3	51.8	63.2	68.2	71.0	74.3	76.9	78.2	79.9	80.0	80.4	80.4	81.3	82.4	83.2
≥800	38.1	47.3	51.8	63.4	68.8	71.5	75.6	78.7	80.0	82.1	82.3	82.6	82.6	83.9	85.2	86.0
≥700	38.1	47.7	52.1	63.8	69.9	72.6	76.9	80.0	81.3	83.4	83.7	84.1	84.1	85.4	87.1	87.8
≥600	38.1	47.7	52.1	63.8	69.9	72.6	76.9	80.2	81.7	83.7	84.1	84.5	84.5	85.8	87.4	88.0
≥500	38.1	47.7	52.1	63.8	69.9	72.6	77.4	81.0	82.4	84.7	85.0	85.4	85.4	86.7	88.4	89.1
≥400	38.1	47.7	52.1	63.8	69.9	72.6	77.4	81.0	82.8	85.4	86.0	86.3	86.3	87.8	90.0	90.8
≥300	38.1	47.7	52.1	63.8	69.9	72.6	77.4	81.3	83.2	85.8	86.3	86.9	86.9	88.4	91.1	93.3
≥200	38.1	47.7	52.1	63.8	69.9	72.6	77.4	81.3	83.2	85.8	86.3	86.9	86.9	88.4	93.0	96.3
≥100	38.1	47.7	52.1	63.8	69.9	72.6	77.4	81.3	83.2	85.8	86.3	86.9	86.9	88.4	93.0	96.5
≥0	38.1	47.7	52.1	63.8	69.9	72.6	77.4	81.3	83.2	85.8	86.3	86.9	86.9	88.4	93.0	96.5

TOTAL NUMBER OF OBSERVATIONS 591

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-335
STATION

FINTHEN AAF, DL
STATION NAME

73-81
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	
NO CEILING	13.5	15.1	16.4	18.9	20.0	20.2	20.7	20.9	20.9	20.9	20.9	20.9	20.9	21.1	21.3	21.3
≥ 20000	15.5	17.6	18.9	21.9	23.4	23.6	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.5	24.7	24.7
IV 18000	15.5	17.9	19.3	22.2	24.3	24.9	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.8	26.0	26.0
IV 16000	15.5	18.1	19.4	22.4	24.5	25.0	25.6	25.8	25.8	25.8	25.8	25.8	25.8	26.0	26.2	26.2
IV 14000	15.5	18.1	19.4	22.4	24.5	25.0	25.6	25.8	25.8	25.8	25.8	25.8	25.8	26.0	26.2	26.2
IV 12000	16.4	19.4	20.7	24.1	26.4	26.9	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.9	28.0	28.0
IV 10000	16.4	19.4	20.9	24.3	26.5	27.1	27.7	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.2	28.2
IV 9000	16.4	19.4	21.1	24.5	26.7	27.3	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.2	28.4	28.4
IV 8000	17.9	21.3	23.4	26.7	29.2	29.7	30.5	31.2	31.2	31.2	31.2	31.2	31.2	31.4	31.6	31.6
IV 7000	19.4	23.4	25.4	29.3	32.5	33.1	34.0	34.6	35.0	35.1	35.1	35.1	35.1	35.3	35.5	35.5
IV 6000	19.4	23.4	25.4	29.3	32.5	33.1	34.0	34.6	35.0	35.1	35.1	35.1	35.1	35.3	35.5	35.5
IV 5000	20.6	24.7	26.7	30.8	34.4	35.3	36.3	37.0	37.2	37.4	37.4	37.4	37.4	37.6	37.8	37.8
IV 4500	21.5	25.8	27.9	32.0	36.1	37.0	38.5	39.3	39.4	39.6	39.6	39.6	39.6	39.8	40.0	40.0
IV 4000	24.9	29.5	32.1	37.2	41.5	42.4	44.3	45.0	45.4	45.6	45.6	45.6	45.6	45.8	46.0	46.0
IV 3500	27.1	32.0	34.6	40.2	44.7	45.8	48.0	48.8	49.2	49.3	49.3	49.3	49.3	49.7	49.9	50.1
IV 3000	32.1	36.5	41.3	46.9	52.0	53.5	55.9	56.6	57.0	57.4	57.6	57.6	57.9	58.1	58.3	58.3
IV 2500	34.4	41.3	44.1	49.9	55.5	57.2	59.8	60.6	60.9	61.3	61.5	61.5	61.9	62.1	62.2	62.2
IV 2000	38.5	46.4	49.9	56.8	63.9	65.8	70.1	71.6	72.0	72.9	73.1	73.1	73.5	73.6	73.8	73.8
IV 1800	39.1	47.1	50.7	57.8	65.0	66.9	71.4	72.9	73.3	74.2	74.4	74.4	74.8	75.0	75.1	75.1
IV 1500	39.6	48.8	52.3	59.4	67.5	70.1	74.8	76.5	76.6	77.8	77.9	77.9	78.3	78.5	78.7	78.7
IV 1200	40.2	50.7	54.4	62.4	70.8	73.5	79.4	80.9	81.3	82.4	82.6	82.6	83.0	83.4	83.6	83.6
IV 1000	40.2	50.7	54.4	63.4	72.3	75.0	81.5	83.2	83.7	85.2	85.4	85.8	86.2	86.9	87.1	87.1
IV 900	40.2	50.7	54.4	63.6	73.1	75.7	82.4	84.1	84.7	86.2	86.4	86.7	87.7	88.4	88.6	88.6
IV 800	40.2	50.7	54.4	63.7	73.3	76.1	83.0	85.0	85.6	87.3	87.5	87.9	88.8	89.5	89.7	89.7
IV 700	40.2	50.7	54.4	63.7	73.8	76.6	83.7	85.8	86.4	88.2	88.4	88.8	89.7	90.5	90.7	90.7
IV 600	40.2	50.7	54.4	63.7	73.8	76.6	83.7	86.2	86.7	88.8	89.0	89.3	90.3	91.0	91.2	91.2
IV 500	40.2	50.7	54.4	63.7	73.8	76.6	83.7	86.7	87.7	89.7	90.1	90.5	91.4	92.3	92.5	92.5
IV 400	40.2	50.7	54.4	63.7	73.8	76.6	83.7	86.7	87.9	90.1	90.5	90.8	92.0	92.9	93.1	93.1
IV 300	40.2	50.7	54.4	63.7	73.8	76.6	83.7	86.7	88.0	90.7	91.2	91.8	92.9	95.1	95.9	95.9
IV 200	40.2	50.7	54.4	63.7	73.8	76.6	83.7	86.7	88.0	90.7	91.2	91.8	93.1	96.4	97.4	97.4
IV 100	40.2	50.7	54.4	63.7	73.8	76.6	83.7	86.7	88.0	90.7	91.2	91.8	93.1	96.8	97.9	100.0
IV 0	40.2	50.7	54.4	63.7	73.8	76.6	83.7	86.7	88.0	90.7	91.2	91.8	93.1	96.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 535

CLIMATE CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10033E FINTHEN AAF, DL STATION NAME

73-81 YEARS

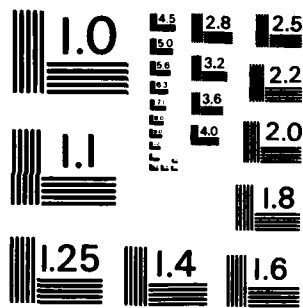
DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	11.7	14.1	15.6	17.8	18.4	19.1	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 20000	13.7	16.8	18.6	20.7	21.3	22.3	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 18000	14.3	17.4	19.1	21.9	22.5	23.4	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 16000	14.3	17.6	19.3	22.1	22.7	23.6	24.2	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 14000	14.3	17.6	19.3	22.5	23.0	24.0	24.6	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 12000	14.6	18.0	19.7	23.2	23.8	24.6	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 10000	15.6	18.9	20.7	24.2	25.0	26.2	27.0	27.1	27.3	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 9000	15.6	19.1	20.9	24.4	25.2	26.6	27.5	27.7	27.9	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 8000	16.8	20.9	22.7	26.6	27.9	29.7	30.7	30.9	31.4	31.8	31.8	32.0	32.0	32.0	32.0	32.0
≥ 7000	17.2	21.5	23.2	27.5	29.1	30.9	31.8	32.0	32.6	33.0	33.0	33.2	33.2	33.2	33.2	33.2
≥ 6000	17.2	21.5	23.2	27.5	29.1	30.9	31.8	32.0	32.6	33.0	33.0	33.2	33.2	33.2	33.2	33.2
≥ 5000	18.3	23.2	25.4	30.1	31.6	33.6	35.0	35.2	35.7	36.1	36.1	36.3	36.3	36.3	36.3	36.3
≥ 4500	18.9	23.4	25.6	30.3	32.2	34.6	36.1	36.3	36.9	37.3	37.3	37.5	37.5	37.5	37.5	37.5
≥ 4000	21.9	27.5	30.9	36.3	38.5	40.8	42.4	42.8	43.8	44.1	44.1	44.3	44.3	44.3	44.3	44.3
≥ 3500	24.0	29.9	33.2	38.7	41.0	43.4	45.1	45.5	46.7	47.3	47.5	47.7	47.9	47.9	47.9	47.9
≥ 3000	30.3	37.3	41.2	47.3	49.6	52.1	54.5	54.9	56.1	56.6	56.8	57.0	57.2	57.2	57.2	57.6
≥ 2500	33.4	41.0	44.9	51.6	53.9	56.4	59.2	59.8	61.1	61.9	62.1	62.3	62.5	62.5	62.5	62.9
≥ 2000	36.3	45.5	49.6	58.0	61.7	64.3	67.6	68.4	69.7	71.5	71.7	71.9	72.7	72.7	72.7	73.0
≥ 1800	36.7	46.3	50.6	59.2	63.1	65.8	69.1	69.9	71.3	73.0	73.2	73.4	74.2	74.2	74.2	74.6
≥ 1500	36.7	46.7	51.8	61.5	65.8	68.9	72.5	73.4	74.8	77.1	77.3	77.5	78.3	78.3	78.3	78.7
≥ 1200	37.5	48.2	53.7	65.0	69.7	73.6	78.5	79.5	80.9	83.2	83.4	83.6	84.4	84.4	84.6	85.0
≥ 1000	37.7	48.8	54.5	66.6	72.1	76.2	81.1	82.0	83.4	85.9	86.1	86.9	87.7	87.7	87.9	88.3
≥ 900	37.7	48.8	54.5	66.8	72.9	77.0	81.8	82.8	84.2	86.7	86.9	87.7	88.9	89.1	89.3	89.6
≥ 800	37.7	48.8	54.5	67.0	73.0	77.1	82.0	83.0	84.4	86.9	87.1	87.9	89.3	89.5	89.6	90.0
≥ 700	37.7	48.8	54.5	67.0	73.2	77.3	82.2	83.2	84.6	87.1	87.3	88.1	89.5	89.6	89.8	90.2
≥ 600	37.7	48.8	54.5	67.0	73.2	77.3	82.6	84.0	85.4	88.7	88.9	89.6	91.0	91.4	91.6	92.0
≥ 500	37.7	48.8	54.5	67.0	73.2	77.3	82.6	84.4	86.3	90.0	90.4	91.2	92.6	93.0	93.4	93.8
≥ 400	37.7	48.8	54.5	67.0	73.2	77.3	82.6	84.4	86.3	90.6	91.0	91.8	93.8	94.3	94.7	95.1
≥ 300	37.7	48.8	54.5	67.0	73.2	77.3	82.6	84.4	86.5	90.6	91.4	92.2	94.1	95.9	96.5	97.3
≥ 200	37.7	48.8	54.5	67.0	73.2	77.3	82.6	84.4	86.5	90.8	91.6	92.4	94.3	97.3	98.2	99.0
≥ 100	37.7	48.8	54.5	67.0	73.2	77.3	82.6	84.4	86.5	90.8	91.6	92.4	94.3	97.3	98.4	100.0
≥ 0	37.7	48.8	54.5	67.0	73.2	77.3	82.6	84.4	86.5	90.8	91.6	92.4	94.3	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 512



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
 U.S. AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-335 FINTHEN AAF, DL

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
HOURS: 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	15.1	20.6	21.6	25.9	27.0	27.0	28.2	28.8	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 20000	17.2	22.7	22.7	29.4	30.5	30.5	32.0	32.6	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 18000	17.2	22.7	22.7	29.4	30.5	30.5	32.0	32.6	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 16000	17.2	22.7	22.7	29.4	30.5	30.5	32.0	32.6	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 14000	17.2	22.7	22.7	29.4	30.5	30.5	32.0	32.6	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 12000	17.2	22.7	22.7	29.4	30.5	30.5	32.0	32.6	33.1	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 10000	18.3	24.1	24.1	31.1	32.3	32.3	33.7	34.3	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 9000	18.6	24.7	24.7	32.0	33.4	33.4	34.9	35.5	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 8000	20.1	26.7	27.3	35.2	36.6	36.6	38.4	39.0	39.8	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 7000	21.2	28.8	29.4	38.1	39.5	39.5	41.3	41.9	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 6000	21.2	28.8	29.4	38.1	39.5	39.5	41.3	41.9	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 5000	22.7	33.2	30.9	39.5	41.0	41.0	42.7	43.3	44.2	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 4500	23.5	31.4	32.7	40.7	42.4	42.4	44.2	44.8	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 4000	25.3	33.7	35.2	44.2	45.9	46.2	48.0	48.5	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500	27.3	36.0	37.5	47.1	48.8	49.1	50.9	51.5	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 3000	31.1	41.9	43.3	53.8	55.5	55.8	57.8	58.4	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 2500	35.8	46.5	48.0	59.0	60.8	61.0	63.1	64.0	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 2000	39.5	50.9	52.6	65.4	67.4	67.7	69.8	71.2	72.4	73.3	73.3	73.3	73.3	73.5	73.5	73.5
≥ 1800	40.1	51.7	53.5	66.3	69.5	69.8	71.8	73.3	74.4	75.9	75.9	75.9	76.2	76.2	76.2	76.2
≥ 1500	42.2	54.7	56.7	70.9	75.0	75.3	78.2	79.7	81.7	83.1	83.1	83.1	83.4	83.4	83.4	83.4
≥ 1200	42.7	55.5	57.8	73.3	77.2	78.8	82.0	83.4	86.0	87.8	87.8	87.8	88.1	88.1	88.1	88.1
≥ 1000	42.7	56.1	58.4	74.7	80.2	80.8	84.0	85.8	89.0	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 900	43.0	56.4	58.7	75.0	80.8	81.4	84.6	86.3	89.5	91.9	91.9	91.9	92.2	92.2	92.2	92.2
≥ 800	43.0	56.4	58.7	75.0	80.8	81.4	84.6	86.6	90.1	92.4	92.4	92.4	93.0	93.0	93.0	93.0
≥ 700	43.0	57.0	59.6	75.9	81.7	82.3	85.5	87.8	91.3	93.6	93.6	93.6	94.2	94.5	94.5	94.5
≥ 600	43.0	57.0	59.6	75.9	81.7	82.3	85.8	88.1	91.6	94.2	94.2	94.2	94.8	95.1	95.1	95.1
≥ 500	43.0	57.0	59.6	75.9	81.7	82.6	86.0	89.0	92.7	96.2	96.8	96.8	97.4	97.7	97.7	97.7
≥ 400	43.0	57.0	59.6	75.9	81.7	82.6	86.0	89.0	92.7	96.2	96.8	96.8	97.4	97.7	97.7	97.7
≥ 300	43.0	57.0	59.6	75.9	81.7	82.6	86.0	89.0	92.7	96.5	98.0	98.0	98.8	99.1	99.1	99.1
≥ 200	43.0	57.0	59.6	75.9	81.7	82.6	86.0	89.0	92.7	96.5	98.0	98.0	98.8	99.4	99.7	99.7
≥ 100	43.0	57.0	59.6	75.9	81.7	82.6	86.0	89.0	92.7	96.5	98.0	98.0	98.8	99.7	100.0	100.0
≥ 0	43.0	57.0	59.6	75.9	81.7	82.6	86.0	89.0	92.7	96.5	98.0	98.0	98.8	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 344

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE INSTRUCTIONS

CEILING VERSUS VISIBILITY

1335
STATION

FINTHEN AAF, DL
STATION NAME

73-61
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

See index page

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	11.4	14.8	16.2	19.1	20.0	20.4	21.0	21.4	21.4	21.5	21.5	21.5	21.6	21.7	21.8	21.8
≥ 20000	13.2	16.5	18.1	21.4	22.4	22.6	23.5	23.9	24.0	24.2	24.2	24.2	24.3	24.4	24.5	24.5
≥ 18000	13.3	16.7	18.3	21.7	22.9	23.4	24.0	24.4	24.6	24.8	24.8	24.8	24.9	25.0	25.0	25.1
≥ 16000	13.3	16.8	18.3	21.8	23.0	23.4	24.1	24.5	24.7	24.9	24.9	24.9	24.9	25.0	25.1	25.2
≥ 14000	13.3	16.8	18.3	21.9	23.0	23.5	24.1	24.6	24.7	24.9	24.9	24.9	25.0	25.1	25.2	25.2
≥ 12000	13.4	17.2	18.7	22.4	23.6	24.1	24.7	25.1	25.3	25.5	25.5	25.5	25.6	25.7	25.8	25.8
≥ 10000	14.1	17.8	19.3	23.1	24.3	24.9	25.6	26.2	26.4	26.7	26.7	26.7	26.7	26.9	26.9	27.0
≥ 9000	14.2	17.9	19.5	23.3	24.6	25.2	26.0	26.5	26.7	27.0	27.0	27.0	27.1	27.2	27.3	27.3
≥ 8000	15.7	20.1	22.1	26.1	27.7	28.4	29.2	30.0	30.3	30.7	30.7	30.7	30.8	31.0	31.0	31.1
≥ 7000	16.7	21.4	23.4	27.9	29.7	30.4	31.3	32.1	32.5	32.9	32.9	33.0	33.1	33.2	33.3	33.3
≥ 6000	16.7	21.4	23.4	28.0	29.8	30.5	31.4	32.2	32.5	32.9	33.0	33.1	33.1	33.3	33.4	33.4
≥ 5000	17.8	22.6	24.7	29.4	31.3	32.2	33.1	34.0	34.3	34.7	34.8	34.8	34.9	35.1	35.1	35.2
≥ 4500	18.3	23.4	25.5	30.3	32.6	33.5	34.8	35.6	36.0	36.4	36.4	36.5	36.6	36.8	36.9	36.9
≥ 4000	20.8	26.4	29.2	34.6	37.0	37.9	39.3	40.2	40.7	41.1	41.1	41.2	41.3	41.5	41.5	41.6
≥ 3500	23.4	29.5	32.5	38.5	40.9	42.0	43.5	44.4	44.9	45.4	45.5	45.6	45.8	45.9	46.0	46.0
≥ 3000	25.6	35.9	39.4	46.2	49.0	50.3	52.0	53.2	53.8	54.4	54.5	54.6	54.8	54.9	55.0	55.1
≥ 2500	31.8	39.8	43.3	50.5	53.3	54.8	56.6	57.9	58.6	59.2	59.3	59.4	59.6	59.8	59.9	60.0
≥ 2000	34.9	44.1	48.2	57.0	60.9	62.3	65.0	66.8	67.5	68.4	68.6	68.7	69.2	69.4	69.6	69.8
≥ 1800	35.6	45.0	49.2	58.1	62.2	63.8	66.5	68.4	69.1	70.2	70.3	70.5	71.0	71.2	71.4	71.6
≥ 1500	37.0	47.1	51.4	61.1	65.8	67.7	70.9	72.8	73.8	75.1	75.3	75.4	75.9	76.2	76.4	76.6
≥ 1200	37.9	49.0	53.6	64.4	69.4	71.5	75.5	77.4	78.5	80.0	80.1	80.2	80.8	81.2	81.5	81.7
≥ 1000	38.5	49.9	54.7	66.4	71.8	74.0	78.1	80.1	81.4	83.3	83.4	83.8	84.4	85.0	85.3	85.5
≥ 900	38.6	50.0	54.8	66.7	72.5	74.8	79.0	81.1	82.4	84.3	84.5	84.9	85.7	86.4	86.7	86.9
≥ 800	38.6	50.0	54.8	66.9	72.9	75.1	79.6	82.0	83.4	85.4	85.6	85.9	86.9	87.6	87.9	88.2
≥ 700	38.6	50.2	55.0	67.2	73.5	75.7	80.3	82.8	84.1	86.2	86.4	86.7	87.7	88.6	88.9	89.1
≥ 600	38.6	50.2	55.0	67.3	73.6	75.8	80.6	83.2	84.7	87.0	87.2	87.5	88.5	89.4	89.7	89.9
≥ 500	38.6	50.2	55.0	67.3	73.6	75.9	80.8	83.9	85.7	88.2	88.6	89.0	89.9	90.9	91.3	91.5
≥ 400	38.6	50.2	55.0	67.3	73.6	75.9	80.8	84.0	86.0	88.9	89.3	89.6	90.9	92.0	92.5	92.8
≥ 300	38.6	50.2	55.0	67.3	73.6	75.9	80.9	84.2	86.2	89.4	90.1	90.6	92.0	93.8	94.8	95.2
≥ 200	38.6	50.2	55.0	67.3	73.6	75.9	80.9	84.3	86.4	89.5	90.2	90.7	92.2	95.3	96.9	97.6
≥ 100	38.6	50.2	55.0	67.3	73.6	75.9	80.9	84.3	86.4	89.5	90.2	90.7	92.2	95.5	97.4	99.8
≥ 0	38.6	50.2	55.0	67.3	73.6	75.9	80.9	84.3	86.4	89.5	90.2	90.7	92.2	95.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2535

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

107335 FINTHEN AAF,OL 73,75-79 JAN 2300-0500
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)
PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb		Wet Bulb	Dew Point	
7 / 47		1.4																1	1	1		
4 / 47	1.4	2.7	1.4															4	4	2	2	
4 / 45		2.7	1.4															3	3	3	1	
4 / 43		2.7	1.4															2	2	3	2	
7 / 41	2.7	5.4	5.4															10	10	7	7	
4 / 41		1.4	5.4															10	10	1	2	
3 / 37		2.7	1.4															3	3	14	6	
7 / 35	1.4	1.4	1.4															9	9	5	8	
3 / 33		5.4	0.8															15	15	14	13	
2 / 31		1.4	0.8															3	8	12	7	
2 / 27		1.4																1	1	5	7	
7 / 25	1.4	1.4																2	2	2	5	
7 / 23	1.4																	1	1	1	2	
2 / 21	1.4																	1	1	1	2	
7 / 17		1.4																1	1			
7 / 15	1.4																	1	1	2		
7 / 13																					1	
7 / 11																					1	
7 / 9	1.4																	1	1	1	1	
Totals	21.0	67.6	10.8															74	74	74	74	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	574969	6993	87.7	8.068	79	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	100094	2666	36.7	7.445	79		20.1					93
Wet Bulb	92859	2569	34.7	7.093	79		30.2					93
Dew Point	82789	2917	32.7	7.257	79		81.5					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14335 FINNEN AAF, DL 73-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 7600-0PG0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb
27 51		.2															1	1		
27 47		.9															5	5	4	
47 47		1.8	.2														11	11	6	4
47 45		1.8	.4														12	12	10	6
47 43	.4	3.7	.9														25	28	24	11
27 41	.7	5.9	2.5														51	51	28	30
47 37	.9	5.3	1.2														42	42	23	27
77 37	1.1	4.4	.4														33	33	45	35
77 35	2.0	7.3	.9														57	57	52	32
37 33	7.6	9.2	.7														99	120	90	72
27 31	4.1	6.7															61	61	98	84
27 27	2.1	4.4															37	37	41	65
77 27	.7	2.8															31	31	26	62
77 25	1.4	1.6															17	17	20	23
27 23	2.0	2.0															2	22	23	26
77 21	2.1	.7															16	16	23	12
77 17	1.2																7	8	11	19
77 17	1.2	.4															9	9	8	21
77 17	1.1	.4															8	8	9	11
77 13	.4																2	2	2	3
77 11	.7																4	4	4	9
707	1.6																9	9	9	10
77 7	.7																1	1	1	1
77 5	.7																1	1	1	1
TOTAL	33.55	.4	7.1														564	566	564	564
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	433541	50345	89.3	8.380	564	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93								
Dry Bulb	658886	18754	33.1	8.145	564		37.1					93								
Wet Bulb	614086	18096	32.1	7.711	564		45.0					93								
Dew Point	550328	17060	30.2	7.805	564		57.2					93								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1. 33° FINTHE.. AAF, DL 73-81 JAN MONTH

PAGE 1 0910-1120 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
77/51		.5																													3	3			
50/40		.5																													3	3			
77/47		1.4																													8	8	6	6	
47/45		4.1	.7	.2																											29	29	7	6	
47/43	.7	1.7	.2	.2																											16	16	33	11	
77/41	.3	7.7	3.6																												68	68	20	3	
47/37	.5	5.8	1.4																												45	45	39	19	
77/37	1.5	5.7	.5																												45	45	62	43	
77/35	.5	9.8	2.1	.2																											73	73	51	40	
77/33	3.4	9.1	.3																												75	75	96	65	
77/31	2.6	5.3	.3																												48	48	87	84	
77/27	1.7	4.5	.2																												37	37	36	29	
77/27	2.2	5.5	.9																												50	50	73	64	
77/25	.9	2.4																													19	19	29	16	
77/23	1.5	1.4																													17	17	25	29	
77/21	.7	1.0																													10	10	10	23	
77/17	1.2	.3																													9	9	13	18	
77/17	1.4	.3																													10	10	11	16	
77/15	1.2																														7	7	8	13	
77/13	.5	.2																													4	4	4	9	
77/11	.5																														3	3	3	6	
77/7	.2																														2	2	2	4	
77/5	.7																														2	2	2	4	
TOTAL	22.36	7.11	0.1	.5																											584	584	584	584	

Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4501934	51016	87.9	8.788	584	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Dry Bulb	705201	19769	33.9	7.958	584		34.9					93
Wet Bulb	651622	19714	32.6	7.973	584		42.0					93
Dew Point	575352	17748	30.4	7.856	584		56.7					93

FORM 0-20-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

2

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

1 335 FINTHEN AAF, DL 73-81 J.A. MONTH
 STATION STATION NAME YEARS
 PAGE 1 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
27 / 51		.2	.3		.2												5	5	6	
37 / 45		1.0		.2													7	7	6	
47 / 47		.5	1.7	.3													15	15	3	
47 / 45		3.8	.3	.5													27	27	18	
47 / 43	.3	2.1	1.7	1.0													35	37	27	
47 / 41	.3	9.4	5.7	.7													94	90	43	
45 / 37	.7	5.1	2.6	.3													51	51	50	
37 / 37	1.0	5.3	1.8	.3													53	53	68	
37 / 35		7.7	1.2														52	52	59	
37 / 33	1.4	8.7	1.5	.2													69	69	69	
27 / 31	1.2	5.5	2.2														52	52	43	
27 / 29	1.2	5.7	1.0	.2													47	47	45	
27 / 27	.9	4.1	.2														30	30	44	
27 / 25	1.5	1.4	.2														19	19	27	
27 / 23	.5	2.4															17	17	13	
27 / 21	.5	.7															7	7	15	
27 / 17	.2	.2															6	6	9	
17 / 17																			1	
17 / 15																			14	
17 / 13	.2																1	1	1	
17 / 11	.2																1	1	1	
17 / 9	.2																1	1	3	
TOTAL	11.0	4.3	20.6	3.8	.3												513	583	583	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	4071878	48374	83.7	9.990	583	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	779821	20943	35.9	6.873	583		28.7					93
Wet Bulb	701104	19864	34.1	6.461	583		38.3					93
Dew Point	592644	18124	31.1	7.085	583		54.4					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10 335 FINTHEN AAF, DL 73-81 JAN MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
5 / 55					.2	.2											2	2		
4 / 53				.2	.2												2	2		
4 / 51			.7	.7	.2												9	9		
5 / 47	.2	.5	.7	.5													9	9	7	3
4 / 45		3.6	2.6	.9													12	12	8	4
4 / 43		2.9	3.1	1.2	.2												41	41	17	6
2 / 41	.7	5.5	5.0	1.2													43	43	43	7
4 / 37	.2	7.7	2.4		.2												72	72	49	43
7 / 37		3.4	3.1	.5													61	61	29	42
7 / 35	.2	9.3	2.4		.2												46	46	78	43
3 / 33	1.2	6.2	1.9	.3													70	70	50	45
7 / 31	1.7	5.0	2.8	.5													56	56	85	62
7 / 29	1.7	5.0	.5	.2													54	54	75	53
0 / 27	2.1	2.6	.5														39	39	49	67
0 / 25	.5	1.2															30	30	42	62
2 / 23	.3	1.7	.2														9	9	16	45
2 / 21		.9	.2														13	13	9	24
1 / 19		.2															6	6	10	12
1 / 17	.2	.3															1	1	6	12
1 / 15																	3	3	5	7
1 / 13		.2															1	1	1	5
1 / 11	.3																2	2	2	4
TOTAL	4.35	7.27	0.0	6.2	.7	.2											581	581	581	581

Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3984597	47273	81.0	10.725	581	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	816655	214.5	36.8	6.955	581		25.3					93
Wet Bulb	723843	20159	34.7	6.484	581		34.4					93
Dew Point	601921	18217	31.4	7.220	581		52.2					93

USAFETAC FORM 0-26-5 (OLA) AIR FATHER SERVICE/MAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10335 FINTHEN AAF, DL STATION NAME

73-81 YEARS

JAN MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
5 / 44		.4	.6																													5	5	1		
4 / 47		.6	.6																													6	6	4	1	
4 / 45			3.6	1.0	.4																											25	25	7	1	
4 / 43	.6	2.4	1.6	.4																												25	25	27	12	
2 / 41	.4	7.3	3.8	.2																												59	59	27	29	
40 / 39	.4	4.6	.8	.6																												32	32	41	23	
3 / 37	.8	6.3	2.0	.2																												47	47	41	35	
3 / 35	1.0	7.7	2.6	.2																												58	58	44	38	
3 / 33	2.0	10.5	.2	.4																												66	66	72	56	
/ 31	1.4	5.7	1.6																													44	44	81	44	
/ 29	2.0	6.9	1.0																													50	50	54	67	
/ 27	1.8	5.5	1.0																													42	42	34	79	
/ 25	.6	1.4	.2																													11	11	28	24	
/ 23	1.0	1.0																														10	10	4	30	
/ 21	.6	.2	.4																													7	7	9	24	
/ 19	.4	.8	.6																													9	9	3	11	
/ 17	.2	.2	.2																													3	3	7	7	
/ 15	.2	.4	.2																													4	4	7	5	
/ 13	.4																															2	2	4	7	
/ 11																																			2	
/ 9																																			5	
/ 7																																			2	
/ 5																																			1	
/ 3																																			1	
/ -3																																			1	
TOTAL	13.9	65.5	18.2	2.4																													505	505	505	
Element (X)	Z ₁ ²	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	3596862	42328	83.8	9.862	505	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb	632414	17532	34.7	6.866	505		33.5					93																								
Wet Bulb	57614	1678	33.0	6.578	505		44.4					93																								
Dew Point	4885	41	30.2	7.441	505	.2	57.1					93																								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

USE WITH CAUTION
SEE FIRST PAGE

17-335 FINTHEN AAF, DL

73-81

JAN

STATION

STATION NAME

YEARS

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point
5 / 55																		2	2		
4 / 53			.0	.0														2	2		
2 / 51		.3	.2	.0	.1													18	18		
5 / 49		.7	.2	.1														30	30	25	3
4 / 47	.1	1.0	.7	.2														56	56	29	23
4 / 45		3.4	1.0	.4														137	137	62	23
4 / 43	.4	2.6	1.5	.6														145	145	157	53
2 / 41	.6	7.1	4.2	.4														354	354	174	156
4 / 39	.5	5.9	1.7	.2	.0													241	241	128	152
2 / 37	.9	5.2	1.6	.2														227	227	312	199
1 / 35	.7	8.4	1.8	.1														319	319	261	214
3 / 33	3.3	8.8	.9	.2														390	361	426	325
2 / 31	2.1	5.8	1.3	.1														267	267	436	342
2 / 29	1.6	5.2	.5	.1														211	211	230	344
2 / 27	1.9	4.0	.5															183	183	179	359
2 / 25	1.0	1.6	.1															76	76	122	149
2 / 23	1.1	1.7	.0															80	80	62	151
2 / 21	.0	.7	.1															47	47	68	92
1 / 19	.7	.3	.1															72	33	42	73
1 / 17	.6	.3	.0															26	26	32	60
1 / 15	.5	.1	.0															20	20	26	50
1 / 13	.3	.1																10	10	12	30
1 / 11	.3																	10	10	10	23
10 / 9	.4																	13	13	13	28
1 / 7	.1																	3	3	3	7
1 / 5	.1																	2	2	2	3
1 / 3																					1
1 / -3																					1
TOTAL	17.96	2.9	16.5	2.5	.2	.0												2891	2893	2891	2891
Element (X)	ΣX'	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	21159281	245631	85.0	10.008	2891	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3693071	101069	34.9	7.488	2893		252.3					744									
Wet Bulb	3356128	96380	33.3	7.035	2891		323.5					744									
Dew Point	2890419	88807	30.7	7.496	2891	.3	440.8					744									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 33rd FINTHEN AAF, DL 73, 75-77, 79 FEB
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
4 / 45		1.5																1	1		
4 / 43		2.9																2	2	3	
2 / 41		1.5	2.9															9	9	4	4
4 / 39	1.5	5.9	1.5															6	6	5	6
5 / 37	1.5	10.3	4.4															11	11	6	3
7 / 35	1.5	13.2																10	10	9	3
3 / 33	1.5	7.4	4.4															9	9	13	12
2 / 31		7.4																5	5	9	7
7 / 29	1.5	5.9																5	5	8	7
7 / 27	1.5	4.4																4	4	4	8
7 / 25	5.9	2.9																6	6	6	7
7 / 23																					1
7 / 1																					1
TOTAL	14.7	72.1	113.2															68	68	68	63

FORM 0-26-5 (O.L.A.) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

2

CENTRAL CLIMATOLOGY BRANCH
 METAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 331 FINTHEN AAF, DL 77-81 FEB 1960-1100
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
47																	1	1		
47			.4	1.0													7	7	1	
47			1.2	1.7	.6												18	18	5	
47			2.1	1.7	.6												24	24	12	
41		.2	1.5	2.3	.5	.2											45	40	73	18
41		.6	1.8	2.3	.5												53	53	35	24
37	1.6	1.6	1.3	1.7	.3												84	84	55	42
35	1.6	1.6	1.3	1.9	.4												73	73	76	36
33	2.9	2.9	2.1														72	72	64	56
31	.6	4.9	1.7														37	37	91	76
27	1.2	5.9	.4														39	39	53	57
27	5.6	3.9															49	49	44	98
25	1.4	.6															16	17	22	58
23		.2															4	4	5	29
21																				14
17																				1
TOTAL	15.7	58.5	22.1	3.5	.2												516	516	516	516

Element (X)	Σx'	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	355454	43105	87.5	10.210	516		22.5					64
Wet Bulb	59631	17423	33.8	4.702	516		33.7					64
Dew Point	50600	15245	30.9	5.118	516		54.4					64

USAFETAC FORM 0-26-5 (01-A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

FEDERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-735 FINTHEN AAF, DL

73-81

FEH
MONTH

STATION STATION NAME

YEARS

PAGE 1

1200-1940
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7/57										.4							2	2						
5/55					.2	.2				.2							3	3						
4/53			.6		.2	.2											5	5						
7/51			.4	1.2		.4											10	13						
7/49			.6	1.0	.2	.6											12	12	5					
7/47		.2	1.0		1.4	.6											20	20	5	1				
7/45		1.2	2.0	2.0	1.2	.2											73	33	16	5				
4/43	.2	2.7	5.5	2.1	.3	.2											53	58	26	6				
7/41		5.6	5.9	2.7	.2												79	79	43	23				
7/39		5.4	3.5	1.8	.2												61	61	45	31				
7/37	1.2	5.3	4.9	2.9													73	73	34	48				
7/35	.4	5.9	4.9	.2													58	58	69	55				
7/33	.4	3.9	2.0	.4													34	34	71	54				
7/31	.6	5.3	.6														33	33	77	54				
7/29	.5	3.3															20	20	36	66				
7/27	1.2	1.0															11	11	13	52				
7/25																			1	44				
7/23																				26				
7/21																				2				
7/19																				3				
TOTAL		4.54	2.83	2.41	4.1	4.3	2.7										512		512	512				

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	3,253.1	18757	75.7	3.388	512		10.5					89
Wet Bulb	11322	20170	39.4	5.723	512		21.2					64
Dew Point	646204	18588	36.3	4.718	512		47.4					88

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

FEDERAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 335 FINTHEN AAF, DL 77-81 YEARS 1966-1968
 STATION MONTH
 PAGE 1 1966-1968
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
57						.2												5	5																	
55			.2	.4	.4	1.												10	10																	
52			.2	1.4	.1	.6	.4											17	17																	
50			1.0	1.0	.1	1.0												18	18	2																
48			.6	.6	.6	1.												14	14	3																
47			1.9	1.4	1.6	.8												19	29	10	1															
46	.2	1.6	2.7	2.9	1.4	.2												46	46	32	5															
43	.2	1.8	2.9	2.5	.6	.2												42	42	29	17															
41		5.4	6.4	3.7	.2													61	81	47	21															
39		4.3	4.1	2.0	.4													60	60	64	29															
37	2.1	3.5	4.1	2.3	.5													65	66	64	54															
35	.4	4.1	3.7	.8														46	46	56	43															
33	.6	5.4	1.9															41	41	73	55															
31	.5	2.9	.4															1	21	73	61															
29		2.7																14	14	19	33															
27	.6																	3	1	6	32															
25	.4																	2	2	2	34															
23																					27															
21																					4															
19																					1															
17																					2															
15																					2															
TOTAL		31.7	30.2	20.0	7.7	4.5	1.0											514	515	514	514															

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2.18489	37257	72.5	5.162	514	< 60 F	> 62 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	83605	21079	40.9	6.367	515		6.5					84
Wet Bulb	726296	19152	37.3	4.971	514		16.7					64
Dew Point	546803	16525	32.1	5.502	514		46.7					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 337 FIAFTHEN AAF, FL 73-81 YEARS PER MONTH

PAGE 1 1940-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point	Hours																			
5 / 55						1.1																											5	5						
4 / 53						.4																												3	3					
3 / 51						.4																												5	5					
2 / 49			.4	.7	.2	.7																												10	10					
1 / 47			.4	1.3	.7	.7																													14	14	0			
4 / 45			1.3	3.1	2.0	.4	.7																												34	34	15	5		
4 / 43	.2	3.0	3.1	2.2	.2																														35	35	25	2		
3 / 41	.2	2.8	3.4	2.4	.9	.2																													72	72	37	21		
4 / 39	.2	4.6	3.5	.7		.2																													42	42	56	31		
2 / 37	1.7	4.1	3.7	1.3																															50	50	55	65		
3 / 35	.4	6.8	4.4	.7																															56	56	52	45		
3 / 33	.2	7.0	2.1	.2																															56	56	69	43		
1 / 31	2.8	3.3	2.2																																38	38	92	62		
2 / 29	.4	2.9	.7																																23	23	31	64		
1 / 27	1.3	1.7																																	14	14	25	67		
1 / 25		.2																																	1	1	4	29		
1 / 23																																					1	1	30	
2 / 21																																						7		
1 / 19																																						4		
1 / 17																																						1		
1 / 15																																						1		
1 / 11																																						1		
TPL	6.5	4.4	1.2	9.5	17.7	7.3	2.6	.2																												458	458	458	458	

Element (X)	Z _g	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	26748.6	35728	76.0	3.858	458	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	691786	17596	38.4	5.873	458		13.9					88
Wet Bulb	594008	16342	35.7	4.885	458		26.2					88
Dew Point	4745.2	18528	31.7	5.472	458		88.8					88

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
FATHER SERVICE TAG

PSYCHROMETRIC SUMMARY

1 530 FANTHEN AAF, OL 73-81 FEB MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb	Dew Point		
7 57										.1	.1																							7	7			
8 2 52						.1	.1	.4																										16	16			
4 7 53					.3	.7	.2	.1																										25	25			
7 51			.2	.4	.4	.3	.3	.3																										33	33			
7 48			.1	.4	.3	.3	.3	.3																										37	37	8		
7 47			.2	.2	.4	.4	.4	.3																										72	72	31		
4 7 45	.0	1.4	2.7	1.9	.5	.2																												147	147	75	15	
4 7 43	.2	2.0	2.7	1.4	.3	.1																												172	172	104	28	
7 41	.2	6.6	4.0	1.0	.7	.0																												731	731	176	111	
4 7 37	.3	5.9	2.7	1.2	.1	.1																												261	261	257	103	
7 37	1.9	6.0	4.0	1.5	.1																													349	357	342	242	
7 35	.2	7.1	3.7	.4																														312	312	319	216	
3 7 33	1.6	6.6	2.7	.1																														294	284	397	275	
2 7 31	1.2	4.7	1.2																															152	162	400	314	
7 27	.7	4.3	.3																															137	137	213	311	
7 27	2.8	2.7	.1																															195	195	195	443	
7 25	1.4	.5																																48	48	62	223	
7 23	.1	.5																																14	19	19	175	
2 7 21	.1																																	3	3	10	42	
7 17																																						
7 17																																						
7 17																																						
7 11																																						
TOTAL	11.3	45.5	25.6	9.6	2.9	2.0	.2																											2577	2577	2577		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	3744487	96947	37.6	6.233	2577		138.1					672
Wet Bulb	323978	90906	35.3	5.141	2577		225.3					672
Dew Point	2615179	80899	31.4	5.915	2577		802.9					672

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13335 FINTHEN AAF, DL 73, 75-77, 81 YEARS MAF MONTH

PAGE 1 1300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb/Dew Point	
17/53				1.3	1.3													2	7		
17/51			1.3															1	1		
17/4		2.6			1.3													3	3		
17/47		2.6			1.3													3	3	4	
47/47		3.9	3.0															6	6	5	2
47/47		2.6	1.3															3	3	5	2
27/41	1.3	7.8	7.8															13	13	6	4
17/3	1.3	6.5	1.3															7	7	7	5
7/37		1.3	3.0															4	4	1	5
7/35	2.6	2.6	5.2															8	6	3	5
5/33	5.2	6.5																9	9	13	7
7/31	1.3	3.9	3.9															7	7	13	6
7/3		7.9																3	3	4	3
2/21		1.3																1	1	3	14
7/25		5.2																4	4	3	
7/23	1.3	2.6																3	3	3	6
2/21																				1	5
7/1																					2
TOTAL	17.0	53.0	227.3	2.6	7.9													77	77	77	77

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5336.7	6355	82.5	11.08	77	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1141.7	2911	37.8	7.314	77		21.7					93
Wet Bulb	116.4	2752	35.7	6.626	77		32.4					93
Dew Point	86265	2521	32.7	7.003	77		43.5					93

USAFETAC FORM 13335 (OL A) 0-26-5 (OL A) REVID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

1 336 FINTHEN AAF, DL 73-81 42 MONTH
STATION STATION NAME YEARS MONTH
PAGE 1 0600-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
57																		2	2		
55			.2	.2														2	2		
53			1.4	.5	1.													17	17	3	
51			1.2	1.4														18	18	10	1
49			1.7	.7	1.5	.3												25	25	11	13
47			2.2	.7	.3													19	19	24	11
45	1.	4.3	2.1	.3														45	45	36	26
43	.5	5.5	2.1	.2														48	46	51	27
41	.3	6.4	4.5	.2														66	66	40	47
39	1.2	1.2	.7	.2														71	71	52	44
37	2.4	4.0	3.1	.5														58	58	90	68
35	.3	6.7	1.9															52	52	35	62
33	2.6	6.7	1.9															45	55	78	62
31	.5	4.0	1.4															34	34	62	44
29	1.4	3.1	.7															30	30	46	46
27	.3	.7																6	6	13	67
25		2.2	.2															14	14	10	20
23	.2	1.0																7	7	10	18
21	.3																	2	2	4	14
19																					10
17																					1
15																					1
TOTAL	11.2	61.4	22.2	4.3	.2													501	501	501	501
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4140136	46732	83.9	9.551	581	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93									
Dry Bulb	19852	22764	39.2	6.941	581		14.9					93									
Wet Bulb	829653	21631	37.2	6.475	581		23.5					93									
Dew Point	722217	20087	34.6	6.917	581		35.4					93									

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
 AFSTETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10 335 STATION FINTHEM AAF, DL STATION NAME 73-61 YEARS PAGE 1 0900-1100 MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb
1/ 61				.2	.2												2	2		
1/ 59			.2	.2	.2												7	7		
1/ 57		.2	.2	.2	.2		.3										9	9		
5/ 55		.7	.7	1.4	.2												17	17	3	
4/ 53		.8	.8	2.2	.3												25	25	11	1
1/ 51	.2	.7	2.0	1.0													28	28	18	8
1/ 49		1.0	.2	.7													13	13	18	12
1/ 47		.5	3.2	1.5	.2												31	31	35	14
4/ 45		4.2	4.4	2.5													66	66	33	22
4/ 43		3.2	5.2	.5	.2												57	57	55	21
1/ 41	.3	8.5	4.1	1.5	.3												87	87	56	65
1/ 39	.7	7.4	3.6	.5													72	72	83	56
1/ 37	.3	5.9	3.6	.5													61	61	71	73
1/ 35	1.5	3.9	2.4	.2													47	47	73	59
3/ 33	.7	3.6	1.9														36	36	53	65
1/ 31	.5	1.5	.5														15	15	47	63
1/ 29	.2	1.7	.3														9	9	21	36
1/ 27		.8															5	5	8	45
1/ 25		.5															3	3	4	17
1/ 23		.2															1	1	2	21
2/ 21																				11
1/ 1																				2
TOTAL	4.4	4.5	3.4	0.1	4.4	2.4	.3										591	591	591	591

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3694201	46287	78.3	0.815	591	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1077773	24905	42.1	6.922	591		5.2					93
Wet Bulb	934377	23213	39.3	6.193	591		12.9					93
Dew Point	777109	21267	35.6	6.657	591		30.7					93

USAFETAC FORM 16-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

1 33° FINTHEN AAF, DL 73-81 YEARS MONTH

PAGE 1 1270-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
7 / 71																																		2	2			
6 / 67																																		1	1			
6 / 65																																		2	2			
4 / 63																																		4	9			
7 / 61																																		15	15			
7 / 59																																		20	20	2		
7 / 57																																		15	16	3		
5 / 55																																		34	34	13	2	
4 / 53																																		28	28	17	2	
7 / 51																																		36	36	21	7	
7 / 49																																		40	40	26	12	
7 / 47																																		44	44	50	17	
4 / 45																																		104	104	47	35	
4 / 43																																		60	60	56	27	
7 / 41																																		56	56	83	51	
4 / 39																																		46	47	73	53	
7 / 37																																		33	33	63	56	
7 / 35																																		19	19	49	80	
3 / 33																																		5	5	31	61	
2 / 31																																		2	2	21	50	
7 / 29																																					3	41
7 / 27																																					37	
7 / 25																																					15	
7 / 23																																					18	
2 / 21																																					2	
7 / 19																																					1	
7 / 17																																					1	
1 / 15																																					1	
TOTAL																																				572	573	572
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	2703486	38634	67.51	2.835	572	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	1293172	26902	46.9	7.259	573		.3	.5				93																										
Wet Bulb	1035634	24096	42.1	6.02	572		3.9					93																										
Dew Point	778527	20747	36.3	6.750	572		27.5					93																										

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

2
 FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 339 FINNEN AAF, DL 73-81 MAR MONTH YEARS

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 77								.2										1	1																
6 / 75																		1	1																
6 / 73									.2									4	4																
7 / 71																		1	1																
7 / 69				.2					.2									2	2																
6 / 67																		6	6																
6 / 65					.7	.2		.3										4	4	1															
4 / 63						.1	1.0	.7										15	15	1															
7 / 61				.7	.7	1.3	.5	.3	.2									22	22	2															
7 / 59				1.2	.1	1.3	1.0	.5										29	29	5															
7 / 57		.2		.9	.8	.5	1.0											20	17	5															
5 / 55		.3	.3	1.9	1.1	1.0	.7											31	31	12	1														
4 / 53		.3	.8	2.4	1.7	2.0	.3											44	44	26	3														
2 / 51			1.9	2.9	2.7	1.2	.3											53	53	20	9														
1 / 49		.2	1.7	1.2	1.7	1.9	.5											42	42	39	15														
6 / 47		.5	2.2	3.2	2.0	.3												49	49	48	12														
4 / 45	.2	1.9	3.9	4.9	4.4	.5												93	93	52	35														
4 / 43		2.4	2.2	1.2	1.5	.2	.3											46	46	81	32														
2 / 41		3.2	2.5	2.0	1.0	.2												53	53	77	62														
5 / 39		1.2	2.0	2.2	.3													34	34	61	56														
3 / 37	.2	2.0	2.2	.3														28	28	58	51														
7 / 35		1.0	.7	.2														11	11	41	56														
3 / 33	.5	.3																5	5	41	57														
2 / 31																				12	83														
1 / 29																				1	47														
7 / 27																					62														
7 / 25																					16														
2 / 23																					19														
2 / 21																					7														
7 / 19																					2														
1 / 17																					1														
7 / 15																					1														
TOTAL		13.5	20.4	25.1	18.9	11.8	6.7	2.2	.5	.2								594	594	594	594														
Element (X)	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g	Z _g														
Rel. Hum.	2469769	37161	62.6	15.363	594	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	1462246	29082	49.0	8.043	594			2.3	.9			93																							
Wet Bulb	1122247	25543	43.0	6.393	594		2.0					93																							
Dew Point	798413	21319	35.9	7.489	594		31.8					93																							

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / PAC

PSYCHROMETRIC SUMMARY

1 335 FINTHEN AAF, DL 73-81 YEARS MAR
STATION STATION NAME MONTH
PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
7 / 69								.2										2	2	
6 / 67								.2										3	3	
6 / 65								.4	.2									4	4	
4 / 63								.2										2	2	
2 / 61				.4	1.0	.8	.4	.4										15	15	1
7 / 59				.4	.6	1.9	.6											20	20	2
7 / 57			.2	.4	1.1	.4	.2	.2										13	13	1
5 / 55		.4	.2	1.0	1.1	1.0												15	19	5
4 / 53		.2	.8	1.3	1.1	1.8	.2											24	24	16
2 / 51	.4	.4	1.5	1.5	1.3	.2												28	29	17
5 / 49		.8	2.5	2.3	.4	1.0												36	36	33
7 / 47		1.7	4.0	1.1	1.3	.2												44	44	39
4 / 45		1.9	5.5	3.8	1.9	.2	.2											71	71	50
4 / 43	.4	3.1	2.9	4.0	.3													56	59	64
7 / 41	.2	5.4	4.4	4.4	.2													77	77	49
4 / 39	.4	2.9	1.0	.3	.4													28	29	71
7 / 37	.4	2.9	2.5	1.5														38	38	60
7 / 35		1.9	2.3	1.0														27	27	45
3 / 33		.6	.4	.6														8	8	32
2 / 31		.8	.2															5	5	29
7 / 29																		1	1	5
7 / 27																				4
7 / 25																				
7 / 23																				
2 / 21																				
7 / 19																				
7 / 17																				
7 / 15																				
TOTAL	1.7	22.8	28.5	24.9	11.7	7.1	1.7	1.5	.2									523	523	523

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2594026	36030	68.9	14.640	523	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1142723	24123	46.1	7.589	523		1.1	.9				93
Wet Bulb	920032	21698	41.5	6.164	523		6.3					93
Dew Point	697465	18745	35.8	7.006	523		32.7					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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GENERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

USE WITH CARE
 SEE FIRST PAGE

1-334 FINTHEN AAF, DL STATION NAME

73-81 YEARS

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb
7 / 77																		1	1	
6 / 75																		1	1	
4 / 73																		4	4	
4 / 71																		3	3	
7 / 69																		4	4	
4 / 67																		10	10	
6 / 65																		10	10	1
7 / 63																		26	26	1
7 / 61																		54	54	3
7 / 59																		76	76	9
7 / 57																		80	67	10
5 / 55																		103	103	33
4 / 53																		140	140	73
7 / 51																		164	164	96
7 / 49																		159	159	129
7 / 47																		190	190	234
7 / 45																		395	365	233
4 / 43																		272	272	324
7 / 41																		352	352	311
6 / 39																		258	259	347
7 / 37																		222	222	352
7 / 35																		164	164	246
3 / 33																		128	128	245
7 / 31																		63	63	184
7 / 29																		43	43	42
7 / 27																		12	12	28
7 / 25																		21	21	17
2 / 23																		11	11	15
2 / 21																		2	2	5
7 / 19																				3
7 / 17																				4
7 / 15																				2
7 / 13																				1
7 / 11																				
7 / 9																				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Level								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM NO. 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

2

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 PATH R SERVICE/AC

PSYCHROMETRIC SUMMARY

1 337 FINTHEN AAF, DL 13, 75-76, 80--1 YEARS APR MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																			
67 45		.9																																2	2					
67 53		1.8	.9																																5	5	1	1		
67 51		.9	1.8																																4	4	3			
67 44	1.8	1.8	.9	.9																															8	8		4		
67 47		2.6	.9	4.4	.9																															13	13		3	
67 44		7.2	3.5																																	13	13		4	
67 43	.9	2.6	2.6	1.8																																6	9	18	8	
67 41		4.4	5.1	2.6																																17	12	11	11	
67 39	.9	3.5	4.4																																	17	17	7	10	
67 37	1.8	7.2	1.8																																	17	17	12	12	
67 35	.9	1.8	3.5																																	19	19	16	6	
67 33		1.8	.9																																	7	7	17	17	
67 31		4.4																																		5	5	9	19	
67 29		.9																																		1	1	1	12	
67 27		.9																																		1	1	1	4	
67 25		.9																																					4	
67 23		.9																																				2		
67 22		1.8	1.8	2.6	3.5	7.2	1.8	1.8																														114	114	114
TOTAL																																							114	114

Element (X)	Z _y	Z _x	I	P _s	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	735461	2757	79.4	1.68	114							
Dry Bulb	25977	4777	41.9	6.474	114		5.5					9.0
Wet Bulb	17353	4475	30.3	5.29	114		9.5					9.0
Dew Point	15238	473	15.7	6.462	114		16.3					2.0

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR FORCE ENGINEERING SERVICE CENTER

PSYCHROMETRIC SUMMARY

1 33 FINNEN AAF, DL 73-81 1973
 STATION STATION NAME YEARS MONTH 1000-0800
 PAGE 1 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		+31	Dry Bulb	Wet Bulb	Dew Point
7 51																		1	1		
7 57			.2		.2	.2												4	4		
7 58			.2	.5	.2	.4	.2											8	9	1	
7 59		.2	1.3	1.4	.5													21	21	3	
7 1		1.1	2.3	1.1														26	29	9	
7 4	.5	1.6	1.3	1.3	1.4													34	34	71	
7 47	.5	3.6	1.4	2.1	.7													45	45	39	
7 48	.4	7.6	4.2	3.6														87	87	55	
7 49	.4	2.9	3.8	.5														43	43	62	
7 41		0.3	4.2	1.9	.2													58	58	61	
7 3	.9	7.8	5.1	.5														57	57	56	
7 77	1.1	5.8	3.1	.2														56	56	46	
7 35	.4	7.9	2.9															62	62	71	
7 33	.2	3.1	1.4															26	25	73	
7 31	.7	2.5																18	18	43	
7 21		.5																3	3	12	
7 27		.4																2	2	55	
7 25																				12	
7 23																				6	
1 1		.245	.731	.412	.8	4.2	.5	.2											54	54	54
																			54	54	

Element (X)	$\sum x^1$	$\sum x^2$	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature				Total		
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1022913	23547	42.5	6.319	554		3.7					90
Wet Bulb	8356	21962	39.6	5.662	554		9.3					90
Dew Point	737047	19909	35.9	6.247	554		33.5					90

USAFETAC FORM 0-26.5 (OLA) 11-70 (REV. 1-63) (EDITION OF THIS FORM ARE OBSOLETE)

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FEDERAL BUREAU OF SURVEY
 METEOROLOGICAL BRANCH
 METEOROLOGICAL SERVICE

PSYCHROMETRIC SUMMARY

STATION 1 335 FIFTH AAF, DL STATION NAME 73-81 YEARS APR MONTH 1970-1100

PAGE 1 2970-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
71																																1	1			
67																																7	7			
63																																5	5			
59																																11	11			
51																																12	12			
52																																18	18	1		
57																																26	26	3		
55																																36	36	6		
53																																43	43	11	3	
51																																40	40	36	6	
49																																73	73	45	11	
47																																44	44	50	14	
45																																74	74	65	41	
42																																45	45	51	51	
41																																72	72	44	62	
37																																70	70	57	56	
37																																35	35	64	42	
35																																18	18	66	52	
33																																5	5	34	51	
31																																1	1	2	67	
27																																1	1	2	51	
25																																			10	
22																																			6	
21																																			1	
TOTAL																																			556	556
																																			556	556

Element (X)	Zx'	Zx	X	fx	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	2590260	37060	66.7	7.7	556							
Dry Bulb	12793	2613	47.7	7.772	556			3	5			90
Wet Bulb	12552	2336	42.5	6.43	556			16				90
Dew Point	76231	20265	36.4	6.598	556			37	8			90

USAFETAC FORM 0-26-5 (O.L.A.) REV. 10 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

CENTRAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 335 FINNEN AAF, DL 73-81 YEARS APR
STATION STATION NAME MONTH

PAGE 1 1-00-1736
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					31	
77																																		5	5		
77																																		13	13		
75																																		16	16		
71																																		12	12		
69																																		15	15		
67																																		17	17		
65																																		20	20		
63																																		13	13		
63																																		27	27	1	
61																																		21	21	3	
59																																		41	41	14	
57																																		39	39	27	
55																																		29	29	71	
53																																		24	25	37	
51																																		51	51	40	
49																																		35	35	54	
47																																		70	70	72	
45																																		70	70	51	
43																																		39	39	58	
41																																		56	56	66	
39																																		13	12	57	
37																																		6	6	51	
35																																				26	24
33																																				2	3
31																																		3	3	3	
29																																					
27																																					
25																																					
23																																					
21																																					
19																																					
17																																					
15																																					
13																																					
11																																					
9																																					
7																																					
5																																					
3																																					
1																																					
TOTAL																																			553	553	553

Element (X)	Z ₁	Z ₂	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1714867	29185	52.7	17.247	553							
Dry Bulb	1733097	30425	54.0	10.674	553			5	15.9	7.5		22
Wet Bulb	1195636	25436	46.7	6.826	553			5				22
Dew Point	755766	20072	36.3	7.622	553			29.3				43

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS MANUAL OBSOLETE
 MAR 64

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FEDERAL BUREAU OF SURVEY
 METEOROLOGICAL SERVICE/AFAC

PSYCHROMETRIC SUMMARY

1 334 FINTHER AAF, AL 7-81 APR MONTH ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Low Point																	
7/75																																		18	18			
7/76																																			23	23		
7/77																																			27	27		
7/78																																			34	34		
7/59																																			46	46		
7/67																																			48	48		
7/6																																			48	48		
7/63																																			50	50		
7/61																																			75	75		6
7/57																																			131	131		75
7/55																																			148	148		7
7/56																																			160	141	115	11
7/51																																			170	175	148	25
7/4																																			182	182	215	48
7/47																																			196	196	222	76
7/45																																			305	305	273	202
7/47																																			227	227	202	151
7/41																																			240	240	300	205
7/37																																			161	161	312	273
7/37																																			152	132	200	279
7/35																																			109	109	242	273
7/33																																			36	36	151	200
7/31																																			27	27	67	347
7/27																																			5	5	16	344
7/25																																			3	3	3	227
7/23																																						51
7/21																																						7
7/1																																						0
7/17																																						3
7/1																																						2
7/13																																						1

Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OLA) REVISED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JAN 64

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FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

1334 FINTHEN AAF, DL 13-75-77, 80-21 MAY 1956

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																		
67-65																																	1	1				
67-62																																		1	1			
67-61																																		1	1			
67-59			.9	.9						1.8	.9																							2	6			
67-57			1.8	2.7	.9	.9																												7	7	0		
67-55			1.8	2.7	.9	1.8																												0	8	5		
67-53		.9	2.7	7.1	.9																													13	13	6		
67-51			.9	7.1	.9	.9																												10	10	2		
67-49		1.8	5.4	9.8	.9																													20	20	17		
67-47			3.6	4.5		1.8																												11	11	24		
67-45			3.6	1.8	3.6																													10	10	22		
67-43			2.7	1.8	.9																													6	6	8		
67-41			3.6	3.6	.9																													0	9	10		
67-39		.9	2.7																															4	4	10		
67-37		.9		.9																														2	2	7		
67-35			.9																															1	1	1		
67-33																																			2	2	5	
67-31																																				2	2	2
67-29																																				3	3	3
67-27																																				2	2	2
T.L.		0.430	.442	.9	9.8	6.0	2.7	.9																										112	112	112		

USAFETAC FORM 0-26-5 (OL A) REVISED EDITION OF THIS FORM ARE OBSOLETE

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	44039	87.5	77.7	12.541	112	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	42223	55.1	49.6	5.995	112							53
Wet Bulb	24456	52.0	46.4	5.392	112							53
Dew Point	202934	4798	42.8	6.292	112		5.3					43

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GENERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION FINTHEN AAF, DL 73-81 YEARS MONTH MAY

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
7 29																																		1	1		
7 60						.2	.2	.2																										4	4		
7 65					.2	.2	.2																											6	6		
7 63			.4	.2	.2	.6																												14	14	1	
7 61		.2	.2	.2	.2	.4	.4																											15	15	1	
7 59		.8	.3	.2	.2	.4	.6																											30	30	8	
7 57	.2	.6	3.2	2.3	1.1																													40	40	14	6
7 55		2.8	2.8	2.4		.4																												49	49	24	7
7 53		1.9	5.1	2.5		.6																												57	57	48	20
7 51	.6	3.6	6.7	1.1							.2																							66	66	51	37
7 49	1.3	3.9	5.3	.8	.9	.8	.2																											69	69	74	36
7 47	.6	3.4	7.0	1.9	.2	.2																												49	49	47	54
7 45	.2	4.1	2.4	1.5		.2																												71	51	56	96
7 43	.2	1.9	1.9	2.1	.2																													73	37	46	59
7 41	.4	1.7	2.3	.0																														25	25	35	64
7 39	.4	2.1																																13	13	34	26
7 37	.2	.2	.2																															3	3	28	34
7 35		.4																																3	3	6	30
7 33	.4	.4																																4	4	5	24
7 31	.2																																	1	1	3	15
7 29																																					11
7 27																																				7	
7 25																																				2	
7 23																																				2	
TAL	4.52	6.35	3.1	6.7	9.0	4.1	1.3	.2																										533	333	533	

Element (X)	Σ X'	Σ X	Σ X ²	Σ X ³	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	3150.50	40366	75.713	265	533	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1414768	27.46	51.1	6.431	533		.2	.9				93
Wet Bulb	1227780	25190	47.3	5.699	533		.5					93
Dew Point	1024370	23090	43.3	6.729	533		6.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FEDERAL CLIMATOLOGY BRANCH
 METAC
 WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

1 335 FINNEY AAF, OL 73-81 YEARS MONTH MAY

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
75																		1		1															
74																		3		3															
73																		4		4															
72																		7		7															
71																		8		8															
70																		12		12															
69																		16		16		1													
68																		14		14		2													
67																		52		52		5													
66																		47		47		8													
65																		65		65		19													
64																		44		44		71													
63																		51		51		66													
62																		54		54		72													
61																		51		51		66													
60																		35		35		61													
59																		27		27		56													
58																		31		31		61													
57																		12		12		33													
56																		9		9		29													
55																		8		8		17													
54																		3		3		12													
53																						4													
52																						1													
51																																			
50																																			
49																																			
48																																			
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10																																			
9																																			
8																																			
7																																			
6																																			
5																																			
4																																			
3																																			
2																																			
1																																			
TOTAL																		554		554		554													

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	2489193	36148	65.2	5.670	554	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	1792020	31214	56.3	7.764	554			8.6	2.5			93
Wet Bulb	1424272	27698	50.0	5.963	554			2				93
Dew Point	1097363	24361	44.0	6.875	554		5.9					93

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR FORCE LEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

1933 FINNEN AAF, DL 73-61 YEARS MONTH DAY
 STATION STATION NAME YEARS MONTH DAY
 PAGE 1 1933-1933
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb
1 / 61										.5							1	1		
2 / 7									.7		.2						3	3		
3 / 23									.5		.2	.2					2	3		
4 / 41									.5	.9	.7	.2					13	13		
5 / 79						.2		.2	.5	.2		.2					7	7		
6 / 77								.7	1.3	.7	.5		.2				10	20		
7 / 75							.2	.9	.5	1.1							14	15		
8 / 73					.2	.2	.4	1.4	.7	.5	.4						21	41		
9 / 71						.4	.5	1.3	1.3	.7	.2						24	24	2	
10 / 69				.2		1.6	.7	2.2	1.4		.7						35	35	1	
11 / 67					.4	1.3	.4	.9	.2	.2							18	18	2	
12 / 65			.2	.2	.2	1.1	3.3	1.6	.5	.4							47	47	11	
13 / 63			.2	1.3	2.2	3.4	1.4	1.1	1.3								62	62	15	3
14 / 61			.5	1.3	2.0	1.4	.5										72	32	28	1
15 / 59		.4	1.1	2.2	2.5	2.5	1.3	.7		.2							60	65	38	6
16 / 57		.7	1.3	.5	1.3	1.4	.9	.2									38	39	51	8
17 / 55		.7	.9	1.3	2.7	1.1	.2										38	35	67	15
18 / 53		.4	.5	2.0	1.1	.9	.2	.4									30	30	85	31
19 / 51	.5	.7	1.3	1.3	.7	.2	.2										27	27	36	37
20 / 49		1.1	1.1	.9	.5												20	20	59	47
21 / 47		.4	.4	.2	.4												10	10	69	47
22 / 45	.2	.7	.4	.9	.4												14	14	41	77
23 / 43	.5			.5													6	6	18	53
24 / 41		.5	.4														5	5	12	78
25 / 39		.5															3	3	7	46
26 / 37																			10	10
27 / 35																				20
28 / 33																				16
29 / 31																				2
30 / 29																				10
31 / 27																				7
32 / 25																				1
33 / 23																				2
34 / 21																				1
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$= 67 F$	$= 73 F$	$= 80 F$	$= 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM NO. 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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FEDERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 330 FINTHEN AAF, DL 73-61 YEARS MAY
STATION STATION NAME PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb
7 75																	1	1	
4 79												.2	.2				2	2	
7 81													.2				1	1	
7 83													.2	.2			3	3	
6 87													.2	.5	.5		7	7	
6 85														.2	.2		3	3	
4 89													.4	.6	.2		7	7	
7 91								.2	1.3	.5		.4	1.1	.2			23	23	
7 79								.2	.6	.6	.2	.4	.2				11	11	
7 77								.6	.6	.9	.4	.4					16	16	
6 75								.6	1.3	1.1	1.1	.2					25	25	
4 73						.2	.2	.5	1.5	.9	.8	.2					27	27	
7 71								1.5	2.3	1.7	.6						33	33	2
7 69				.4				1.1	.9	1.9	.8	.4	.4				30	30	3
6 67				.2	.4			1.9	.8	1.7	.8	1.1					36	36	4
6 65		.2	.2		.6	1.9	3.	1.7	.2	.4							43	43	19
4 63					.9	2.6	1.3	.6									35	35	20
7 61			.2	1.1	.7	.6	.9	1.1									26	26	31
7 59		.4	.5	1.5	.1	2.6	.7	1.1									49	49	36
7 7		.8	1.3	2.1	.6	2.4	.6										42	42	63
5 55		.2	.6	2.4	1.9	.9											72	32	72
4 53		.6		1.3	.6	.2											14	14	60
7 51		.4	.8	.4	1.1	.4											16	16	47
6 49		1.1	1.3		.6	.2											17	17	55
6 47			.4	.2	.6												6	6	53
4 45		.8	.6	.6													10	10	76
4 43			.4	.4													4	4	12
2 41			.8														4	4	4
6 39		.6	.2														4	4	5
5 37																			8
7 35																			1
3 33																			13
7 31																			18
7 27																			8
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total							
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

2

CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11 73 FINNEN AFB, L STATION NAME

73-81 YEARS

YEARS

DAY MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
67 98													.0																					1	1			
67 92												.1																						3	3			
67 91												.0																						2	2			
67 87												.1	.1	.0	.0																			6	6			
67 85												.0	.1	.1	.1																				10	10		
67 83												.1	.0	.1	.1	.1	.0																		16	16		
67 81											.1	.4	.4	.4	.3	.1																			46	46		
67 79											.1	.4	.2	.1	.2	.0																			29	29		
7 77										.1	.1	.4	.5	.3	.1	.0																			57	57		
67 75										.1	.1	.4	.4	.5	.2	.0																			56	56		
67 73										.1	.1	.4	.7	.5	.4	.3	.0																		65	69		
67 71										.1	.2	.0	.1	.8	.4	.1																			6	86	5	
67 69						.1	.1	.6	.5	1.3	.6	.3	.2																						106	106	5	
67 67					.1	.4	1.2	.5	.9	.3	.3	.1																							104	104	12	
67 65		.3	.2	.1	.1	1.1	1.5	1.0	.2	.1																									136	138	44	
67 63		.2	.2	.2	1.5	2.9	1.0	.9	.5	.0																									218	213	60	5
67 61		.1	.3	1.0	1.3	1.3	.0	.6	.0	.0																									153	153	68	6
67 59		.6	1.3	1.9	2.2	1.8	.9	.0	.0	.0																									259	259	125	32
67 57		.8	1.6	1.8	1.7	1.1	.0	.1																											210	210	214	42
5 55	.1	1.0	1.4	2.3	1.7	1.2	.0	.1																											216	216	292	78
67 53	.1	1.1	1.8	2.2	1.9	.0	.1	.1																											186	186	392	113
67 51	.5	1.3	2.9	1.2	.4	.2	.1																												197	197	267	175
67 49	.8	1.8	2.1	.8	.5	.3	.0																												179	179	305	224
67 47	.2	1.3	1.5	.6	.3	.1																													112	112	346	266
67 45	.1	1.5	1.5	1.2	.4	.0																													128	128	235	422
67 43	.2	.8	.7	.9	.0																														71	71	129	291
67 41	.8	1.0	.2	.0																															55	55	101	302
67 39	.1	1.0	.1																																36	36	76	191
67 37	.1	.1	.1																																8	8	75	148
67 35	.1	.1																																	4	4	13	137
67 33	.1	.1																																	4	4	9	163
67 31	.0																																		1	1	3	96
67 29																																						
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

USAFETAC CLIMATOLOGY BRANCH
 USAFETAC
 FATHER SERVICE/AMC

PSYCHROMETRIC SUMMARY

STATION: 133 FIAFHEM AAF, DL STATION NAME: FIAFHEM AAF, DL YEARS: 13-01 MONTH: ALL
 PAGE: 1 HOURS (L. S. T.): ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
/ 21																						3													
/ 25																						4													
/ 20																						5													
/ 21																						3													
/ 1																						7													
/ 11																						1													
111	0.4	12.9	16.7	15.1	12.7	12.8	7.6	9.3	4.6	3.3	1.2	1.1	.7	.2			2766				2766														
																		2766			2766														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	11243666	168387	67.9	19.146	2766	< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Dry Bulb	990554	163062	59.0	10.268	2766		.3	162.3	80.7	27.2	1.1	744
Wet Bulb	7339642	141310	51.1	6.598	2766		.8	5.9				744
Dew Point	5473284	121490	43.9	7.360	2766		52.2					744

USAFETAC FORM 0-20-5 (O.L.A.) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

FEDERAL CLIMATOLOGY BRANCH
METAC
METEOROLOGICAL SERVICE/AC

PSYCHROMETRIC SUMMARY

1. 73 FINNETH AAF, L 73, 75-81 JUN MONTH

PAGE 1 0370-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb
4/70																	1	1		
4/71																	1	1		
4/72																	1	1		
4/73																	1	1		
4/74																	5	5		
4/75				1.7	1.7												12	12		
4/76				5.0	2.5		1.7										11	11		1
4/77				5.0	2.5												10	10	15	11
4/78				4.1	1.7	1.7											10	10	9	8
4/79				4.1	1.7	1.7											10	10	24	7
4/80				5.0	1.7	2.5											11	11		16
4/81				3.3	4.1												10	10	11	14
4/82				3.3	2.5												10	13	12	10
4/83				2.5	1.7		.8										7	7	17	10
4/84				1.7		1.7											7		5	10
4/85						.8											1	1	3	0
4/86				1.7													2	2	5	7
4/87																			3	2
4/88																				1
4/89																				1
4/90																				1
4/91																				1
4/92																				1
4/93																				1
4/94																				1
4/95																				1
4/96																				1
4/97																				1
4/98																				1
4/99																				1
4/100																				1
TOTAL	5.0	3.3	7.2	7.3	16.5	4.1	5.8											121	121	121

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	778199	9589	70.2	2.346	121							
Dry Bulb	337764	6800	56.2	6.416	121			3.0	.7			90
Wet Bulb	339368	6372	52.7	5.636	121							70
Dew Point	302573	6003	49.6	6.295	121			.7				90

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GENERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR FORCE WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

1 337 FINTHER AAF, DL 73-61 JUN 1966
 STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
73																																				
72																																				
71		0.4	1.0	0.7	0.2	1.3	0.14	1.3	0.3	1.2	7.3	7.1	4.7	2.1	1.5	.9	1.1	.6	.4	534	534	534														
70																																				
69																																				
68																																				
67																																				
66																																				
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4																																				
3																																				
2																																				
1																																				
0																																				

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	1644103	28329	53.1	16.278	534							
Dry Bulb	2711177	37655	70.3	10.244	534			54.6	39.3	16.0	3.2	90
Wet Bulb	1806421	31669	59.3	5.857	534			9.4	.2			90
Dew Point	1417959	27315	51.2	6.240	534		.5					90

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

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FEDERAL CLIMATOLOGY BRANCH
WAFSCAGC
METEOROLOGICAL SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 335 FINNEN AAF, DL 73-81 JJA MONTH

PAGE 1 1600-2001 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
7/95														.4	.4			3	3																		
7/92													.2	.2	.2			3	3																		
7/91												.2	.2	.2	.2			4	4																		
7/89											1.7	.2	.2					3	9																		
7/87									.4		.1		.2					7	7																		
7/85									.6	.6	.2							7	7																		
7/82									.4	.4	.2							8	8																		
7/81								.1	.1	.4	.5							18	18																		
7/79						.4	.7	1.1	1.5	.6								13	18																		
7/77							1.1	2.2	1.5	.6	.4							22	32																		
7/75					.4	.4	1.5	1.1	.4	.4								22	22																		
7/73				.4	.2	.6	3.0	1.1	.6									37	27																		
7/71				.2	.6	.6	1.3	.6	.4	.2								19	19																		
7/69			.2	.2	1.3	2.6	.9	1.1	.2	.2								31	31	16																	
7/67			.4	.6	1.7	1.5	.6	.2										22	22	24																	
7/65			.2	1.3	2.2	1.5	.6											27	27	35																	
7/63		.6	3.0	4.3	2.6	2.6	1.7	.2	.2									72	72	44	10																
7/61	.2	.4	1.9	.9	1.9	.2												26	25	60	14																
7/59		1.1	.6	1.7	1.7	.9	.2											29	29	65	30																
7/57		.9	1.5	.6	.2	.2												16	16	52	52																
7/55		1.3	.9	2.7	1.1	.2												26	26	39	31																
7/53		.2	2.2	.2	.4													14	14	40	48																
7/51		.4	.9															6	5	23	56																
7/49		.4	.4															4	4	29	38																
7/47		.4	.6															5	5	14	49																
7/45																				8	52																
7/43																					28																
7/41																					19																
7/39																					11																
7/37																					2																
7/35																					1																
7/33																					2																
7/31																					1																

FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC AIR 64

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FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 WEATHER SERVICE/MAIL

PSYCHROMETRIC SUMMARY

STATION 72 FINTHE, AAF, DL STATION NAME 63-81 YEARS MONTH ALL HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
111	17	715	913	912	3	7	6	4	0	3	5	1	4	5	1	1	1	2769			2769												
																		2769			2769												

Element (X)	Z _x ²	Z _x	X	%	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	11765725	174053	62.9	7.974	2769							
Dry Bulb	12062475	180609	65.2	9.956	2769			261.9	170.8	61.1	8.6	724
Wet Bulb	91337.9	158163	57.1	5.998	2769			36.9	.3			7.2
Dew Point	7304784	141238	51.4	6.031	2769		2.6					7.2

FORM 0-26-5 (O. L. A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 331 FINTHEN AAF, IL 73.75-77.80-81 JUL MONTH

PAGE 1 2406-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
47 73																		1	1				
47 69					1.0													6	6				
47 67					1.0													5	5				
47 65				1.6	1.6													4	4	2			
47 63		3.2	3.2		1.6													12	12	3	2		
47 61		3.2	5.3															16	16	13	4		
47 59		4.8	6.3															17	17	14	15		
47 57	1.6	6.3	3.2															15	15	14	10		
47 55	1.6	4.0	1.3															16	16	12	12		
47 53		6.3	7.9	1.6														20	20	14	16		
47 51		3.2	3.2															9	9	10	13		
47 49		1.6																2	2	15	14		
47 47		1.6																2	2	6	16		
47 45																		1	1	3	17		
47 43																					3		
47 41																					2		
47 39																					1		
47 37																					1		
47 35																					1		
TOTAL	4.0	34.9	39.7	7.1	7.9	1.6	.8	3.2										126		126	126		

Element (X)	Z _X ¹	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	827676	10386	60.3	2.749	126	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	434891	7371	53.5	5.431	126			8.9	.7			93
Wet Bulb	392008	6914	54.9	4.575	126							93
Dew Point	344509	6553	52.0	5.881	126							93

FORM 0-26.5 (OL A) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-336 FORTY EIGHT AAF, OL 73-81 JUL 1954
STATION MONTH HOURS (L. S. T.)

PAGE 1 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb
67																	1	1		
68																	2	2		
69																	4	4		
70																	9	9		
71																	8	8		
72																	26	26		
73																	21	21		
74																	29	29		
75																	33	33	1	
76																	35	35	6	
77																	34	34	17	4
78																	50	50	35	1
79																	83	83	54	14
80																	68	68	74	18
81																	90	90	100	72
82																	38	38	78	69
83																	39	39	71	75
84																	22	22	95	60
85																	3	3	38	75
86																	2	2	20	63
87																			3	53
88																			2	47
89																				11
90																				3
91																				3
92																				3
TOTAL	1.0	14.9	16.5	21.5	21.9	14.0	6.9	2.3	1.3	1.3	1.0	.8	.2				599	599	599	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	2896.168	404.94	67.9	4.827	599	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	254,751	38767	64.7	7.289	599		31.7	15.8	3.3	93
Wet Bulb	2033.31	34785	58.1	4.752	599		3.7			93
Dew Point	1709.338	31448	53.2	5.176	599		.6			93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

FEDERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 336 FINTHEN AAF, DL 73-81 JUL
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb
67 95																			1	1	
7 93																			3	3	
7 91																			2	2	
7 89																			10	10	
87 87																			7	7	
67 85																			13	13	
7 83																			71	21	
7 81																			31	31	
7 79																			23	23	
7 77																			37	37	
67 75																			26	26	
47 73																			38	38	4
7 71																			38	38	8
7 69																			37	37	19
67 67																			46	46	3
67 65																			42	42	58
47 63																			82	82	20
7 61																			47	47	15
7 59																			57	57	63
7 57																			20	20	74
57 55																			15	15	45
47 53																			4	4	91
7 51																				32	76
7 49																				6	54
7 47																				1	52
47 45																					75
47 43																					19
7 41																					7
67 39																					1
TOTAL		5.5	6.8	17.2	16.5	19.7	14.5	9.0	3.7	4.5	1.7	2.3	1.7	.2	.5			600	600	600	

Element (X)	Zg'	Zg	X	Pa	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2152514	34670	57.8	5.781	600	< 6 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	2949264	41724	69.5	8.931	600			51.6	32.9	15.0	.6	93
Wet Bulb	2162277	35985	59.8	5.177	600			10.5	.6			93
Dew Point	1697179	31743	52.9	5.986	600			.6				93

FORM 0-26-5 (OL A) SAFETYAC

2

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 METEOROLOGICAL SERVICE/MAIL

PSYCHROMETRIC SUMMARY

STATION 33- FIATHEN AAF, DL STATION NAME 73-81 YEARS MONTH JULI

PAGE 1 15-10-17
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																				
97																																			2	2				
95																																				5	5			
93																																				9	9			
91																																				10	10			
89																																				21	21			
87																																				19	19			
85																																				15	15			
83																																				19	19			
81																																				31	31			
79																																				20	20			
77																																				52	52			
75																																				22	22			
73																																				39	39	3		
71																																				25	25	11		
69																																				57	57	30		
67																																				33	33	46		
65																																				35	35	71		
63																																				68	68	73		
61																																				35	36	67		
59																																				35	35	78		
57																																				15	15	58		
55																																				1	15	64		
53																																				1	1	58		
51																																				1	1	17		
49																																						6		
47																																								
45																																								
43																																								
41																																								
39																																								
35																																								
TOTAL																																						584	584	584
Element (X)	Σx'		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								Total																					
Rel. Hum.	1860829		31439		53.8		16.993		584		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total																					
Dry Bulb	3095346		42106		72.1		6.080		584		60.2		41.9		22.3		2.5		93																					
Wet Bulb	2175305		35509		60.8		5.279		584		14.3		.5						43																					
Dew Point	1657174		30954		53.0		5.321		584		.2								93																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

USE WITH CAUTION
 IN THE FIELD

1 33° FINTHEN AAF, DL 73-81 YEARS MONTH JUL

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
7/ 97																.1	2	2		
7/ 95													.0		.1	.0	6	6		
7/ 93												.1	.1	.2	.1	.0	13	13		
7/ 91										.2	.1	.1	.2	.2	.1		16	16		
7/ 89										.1	.5	.5	.3	.1	.0		43	43		
7/ 87								.1	.1	.2	.3	.4	.1	.0			37	37		
7/ 85										.1	.6	.4	.2	.1			43	43		
7/ 83							.1	.2		.2	.7	.4	.2	.1			57	57		
7/ 81						.1	.1	.2	.2	.9	.5	.1					99	99		
7/ 79						.2	.2	.7	1.0	.2	.1	.0					72	72		
7/ 77					.1	.6	1.3	1.6	.7	.5	.1	.0					157	157		
7/ 75			.2		.2	.8	1.7	.2	.1								102	102		
7/ 73		.1	.2	.5	1.1	1.8	.7	.1	.0	.0							134	134	7	
7/ 71		.1	.4	.7	.6	1.7	.7	.1									132	132	73	
7/ 69		.4	.2	1.2	2.4	1.3	.8	.1									192	192	69	
7/ 67		.3	.9	2.7	1.6	1.0	.2	.0									180	160	142	
7/ 65		.1	1.2	1.4	1.4	1.2	.8	.1	.0								183	193	222	
7/ 63	.1	1.4	2.0	2.9	2.4	3.1	.7	.1									390	380	276	
7/ 61	.1	1.7	2.4	1.9	1.9	.6	.1										259	259	346	
7/ 59	.2	3.7	3.5	2.9	1.3	.0	.0										348	348	416	
7/ 57	.2	2.0	1.8	1.4	.3	.1											175	175	372	
7/ 55	.1	2.4	2.2	1.1	.1	.0											176	176	377	
7/ 53	.1	1.6	2.0	.3	.1												122	122	355	
7/ 51	.8	.6	.1														45	45	217	
7/ 49	.3	.1															13	13	122	
7/ 47	.1	.3															5	5	38	
7/ 45	.1																4	4	13	
7/ 43																			54	
7/ 41																			39	
7/ 39																			13	
7/ 37																			5	
7/ 35																			4	
TOTAL	.2	14.4	16.6	13.7	12.3	12.4	10.1	7.2	3.5	3.3	2.3	1.7	.8	.3	.3	.1	.7	2995	2995	2995
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature				Total										
Rel. Hum.	13174389	191185	63.8	8.201	2995	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744										
Dry Bulb	13600006	199780	66.7	9.563	2995		319.2	194.0	86.7	5.2	744									
Wet Bulb	10370284	175512	59.6	5.328	2995		59.9	1.7			744									
Dew Point	8427675	158099	52.8	5.233	2995		2.5				744									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

FEDERAL BUREAU OF SURVEY
 CLIMATE DIVISION
 METEOROLOGICAL SERVICE CENTER

PSYCHROMETRIC SUMMARY

10335 FINNEN AAF DL 73-81 YEARS AUG MONTH

PAGE 1 0600-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb
47 70				.3	.5												5	6	
47 71				.5	.5	.2											8	8	
47 69			.2	.9	.2	.2											9	9	
47 67			1.2	.2	.5												15	15	2
47 65		.9	1.7	2.4	1.4	.5											40	40	15
47 63	.5	3.4	3.9	4.6	1.2	.5											41	81	21 13
47 61	1.7	2.6	5.6	3.6	1.2	.2											47	87	64 28
47 59	.5	6.5	2.9	2.7	.3	.5											120	120	66 57
47 57		7.0	5.1	.7	.5	.2											79	79	193 61
47 55	.7	4.1	3.2	1.0	.7												57	57	118 84
47 53	.2	2.4	2.1	.2													28	28	77 89
47 51	.2	2.4	1.4	.2													24	24	82 97
47 49		1.9	1.0														17	17	37 45
47 47	.2	.7	.2														6	6	27 48
47 45	.2	1.0															7	7	9 37
47 43		.2															1	1	4 12
47 41																			1 15
47 39																			1 3
TOTAL	3.9	33.0	35.6	17.9	6.0	2.4	.3										585	585	585

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		
Rel. Hum.	3812138	46846	80.1	0.201	585						
Dry Bulb	2086666	34408	59.5	5.162	585	6.0	1.0				93
Wet Bulb	1343998	32736	56.0	4.557	585	.3					93
Dew Point	1670094	31120	53.2	5.003	585						93

FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

2

USAFAL CLIMATOLOGY BRANCH
AFETAC
4. LEATHER SF VICKI/MAC

PSYCHROMETRIC SUMMARY

1. 33 FINTHEN AAF, L 73-61 AUG
STATION STATION NAME YEARS MONTH

PAGE 1 0970-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
77 63									.2									1	1					
77 61							.2	.3										6	6					
77 74						.2	.3	.3										6	6					
77 77						.7	1.0	1.1		.3								25	25					
77 75					1.0	1.3	.7	1.0	.2									25	25					
77 73				.7	1.0	1.1	1.0	.5	.2									31	31					
77 71			.2	.5	1.6	1.1	1.5	.2	.2									32	32	2				
77 69			.5	1.5	1.3	3.1												44	44	7				
77 67		.2	.7	1.0	3.3	2.1												49	49	24 2				
77 65			3.5	3.6	2.1	.5	.5											61	62	34 4				
77 63	1.1	4.1	6.4	5.3	2.1	.2												117	117	53 19				
77 61	.5	3.3	3.1	2.6	.5													73	73	94 32				
77 59	7.8	3.1	2.8	1.6	.3													71	71	113 82				
77 57	1.6	.8	1.8	1.0														32	32	102 79				
77 55	1.0	1.5	.7															19	19	73 87				
77 53	.7	.8	.7															13	13	46 88				
77 51		.5																3	3	34 64				
77 49		.2																1	1	17 49				
77 47																				8 40				
77 45																				41				
77 43																				19				
77 41																				3				
TOTAL	1.0	19.9	22.7	21.5	13.1	2.0	3.6	1.0	.3									609	610	609				

Element (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	2938258	41578	68.3	12.800	609	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2622077	39809	65.3	6.293	617			33.4	14.3	1.8		93
Wet Bulb	2117041	35799	58.8	4.563	609			5.0				93
Dew Point	1797238	32938	54.1	5.093	609			.3				93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS MANUAL OBSOLETE
 USAFETAC

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10 33' STATION FINNEN AAF, DL STATION NAME 73-81 YEARS AUG MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb
47 92																	3	3	
47 91																	4	4	
47 80																	9	9	
47 87																	10	10	
47 85																	11	11	
47 83																	13	13	
47 81																	33	33	
47 79																	39	39	
47 77																	73	73	
47 75																	36	36	1
47 73																	45	45	
47 71																	43	43	10
47 69																	50	50	30
47 67																	40	40	45
47 65																	46	46	69
47 63																	52	52	90
47 61																	39	39	96
47 59																	35	35	91
47 57																	14	14	53
47 55																	9	9	61
47 53																	4	4	36
47 51																			13
47 49																			7
47 47																			4
47 45																			
47 43																			
47 41																			
47 39																			
TOTAL	6.1	6.6	8.7	15.0	16.3	15.1	13.7	6.9	5.8	3.1	2.0	.5	.3				608	608	608

Element (X)	$\Sigma X'$	ΣX	ΣX^2	ΣX^3	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	2049088	34040	56.0	5.365	608	≤ 67 F	≤ 73 F	≤ 79 F	≤ 85 F	
Dry Bulb	7139735	43393	71.4	8.392	608	62.6	42.2	16.7	.5	93
Wet Bulb	22779.9	37093	61.0	4.960	608	13.2	.2			93
Dew Point	1774598	32720	53.8	5.557	608					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GENERAL CLIMATOLOGY BRANCH
 AFM ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17 375 STATION FINTHEN AAF, DL STATION NAME 73-61 YEARS AUG MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	±31	Dry Bulb	Wet Bulb
7/97																		3	3	
7/9													.5	.9				6	8	
6/93											.2	.2	.9	1.0	.2			13	13	
7/91													.3	.3				7	7	
7/8												.2	1.4	.7	.9			19	19	
8/87												.3	.7	.3		.5		11	11	
6/85													.3	.5	.2	.2		11	11	
4/83							.2	.7	1.4			1.2	1.4	.7	.2	.3		35	35	
7/81						.3	.7	1.2	1.9	3.1	.3	.9	.2				50	50		
7/79						1.0	.2	1.7	2.6	.9	1.2	.3					42	42		
7/77					.3	.5	1.2	3.2	1.0	1.0	.2						44	44		
7/75				.2	.3	.8	1.7	2.7	1.2	.2							42	42		
4/73				.9	.7	2.0	2.5	.5	.5								42	42	5	
7/71				.5	.9	.3	1.5	1.4	.3								29	29	15	
7/69		.2	.7	.7	1.4	1.2	.7	.2									32	32	44	
6/67		.2	.3	.5	2.9	1.7	.7	.5									35	35	41 3	
6/65		.3	.7	.9	2.2	1.7	.3	.7									36	36	76 4	
4/63		.5	.9	3.4	1.9	2.9	.5	.7									63	63	91 29	
7/61	1.4	1.7	.5	1.2	.2	.2											26	26	80 31	
7/59	.9	1.4	.2	.5	.2												18	18	80 58	
7/57	.7	.5	.9	.3													14	14	63 62	
5/55	.3	.3	.3														6	6	38 67	
4/53																			32 54	
7/51																			13 56	
7/49																			8 38	
7/47																				49
7/45																				45
4/43																				13
7/41																				15
4/39																				7
7/37																				5
TOTAL		4.3	5.6	8.9	11.9	11.8	11.9	13.3	9.4	7.5	5.6	4.7	3.2	2.6	.7			596	586	586
Element (X)	Z _x '	Z _x	Y	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	1727589	30213	51.6	17.040	586	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F									
Dry Bulb	3260586	43350	74.0	9.583	586			67.1	51.9	29.5	3.8	93								
Wet Bulb	2252066	36206	61.8	5.077	586			16.7	.8			93								
Dew Point	1694534	31322	53.5	5.899	586			.5				93								

USAFETAC FORM 34 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

1 331 FINHER AAF, DL 70-01 70-01
STATION STATION NAME YEARS MONTH

PAGE 1 1-00-2000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																	
67.00																																	2	2			
67.22																																		5	5		
67.51																																		7	7		
67.80																																		10	10		
67.87																																		8	8		
67.89																																		4	4		
67.90																																		13	13		
67.91																																		24	24		
67.77																																		24	24		
67.72																																		41	41		
67.75																																		40	40		
67.72																																		30	30		2
67.73																																		29	29	10	
67.69																																		33	33	23	1
67.67																																		29	29	31	1
67.65																																		42	42	45	5
67.63																																		64	64	69	27
67.61																																		35	35	66	14
67.59																																		34	34	64	46
67.57																																		13	13	73	76
67.55																																		10	10	56	54
67.53																																		7	7	47	59
67.51																																		2	2	17	56
67.49																																		1	1	8	66
67.47																																				4	34
67.45																																					2
67.43																																					11
67.41																																					13
67.39																																					5
TOTAL	1.2	4.2	9.9	13.2	13.1	15.6	12.0	10.8	6.3	4.5	3.6	2.2	2.0	.4	.4																			507	507	507	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1.36918	29036	57.3	16.22	517	< 60 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	2559337	357.1	70.5	9.228	507			59.8	38.2	16.5	1.3	93
Wet Bulb	1163637	30627	60.4	5.128	507			10.1	.4			93
Dew Point	1458498	27044	53.3	5.612	507							93

2

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

USE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 SEE INSTRUCTIONS

1 33 FINNEN AAF, DL STATION NAME

73-81 YEARS

AUG MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
7 97															.1		3	3		
7 95														.2			10	10		
7 91													.3	.1	.0		21	21		
7 89									.1	.5	.2	.3	.1	.0			15	18		
7 87									.1	.2	.2	.0	.1				36	38		
7 85								.2	.3	.1	.2	.0	.0				29	29		
7 82							.1	.3	.4	.4	.5	.2	.1	.1			26	26		
7 81						.1	.3	.7	.9	1.0	.2	.3	.1				62	62		
7 79						.6	.2	.9	1.2	.5	.2	.1					113	113		
7 77			.0	.3	.6	1.6	1.4	.8	.6	.3	.1						111	111		
7 75			.2	.5	.8	1.1	1.5	.5	.2	.7	.1						143	143	1	
7 73			.6	.6	1.3	1.7	.6	.3	.0	.8	.1						154	154	7	
7 71		.0	.2	.4	1.0	1.3	.8	.1	.0	.4	.1						142	142	17	
7 69		.3	.4	.9	1.0	2.1	1.0	.2	.0	.5	.2						171	171	14	
7 67		.6	.8	2.1	1.2	.7	.2	.0		.8	.1						171	171	144	
7 65	.0	.3	1.5	2.0	1.7	1.1	.8	.2		.4	.1						227	229	241	
7 63	.2	1.4	2.5	4.0	2.7	2.0	.1	.2		.6	.1						397	397	326	
7 61	.4	2.0	2.5	2.1	1.7	.5	.1			.8	.1						291	251	405	
7 59	.3	3.0	3.6	1.7	1.5	.3				.6	.1						301	301	432	
7 57	.2	2.4	1.8	.8	.9	.1				.4	.1						167	167	419	
7 55	.2	1.4	1.4	.8	.2					.3	.1						116	119	359	
7 53	.1	.9	.6	.3						.2	.1						56	56	252	
7 51	.0	.6	.4	.0						.1	.1						34	34	125	
7 49	.5	.5	.3							.1	.1						24	24	89	
7 47	.2	.2	.2							.1	.1						8	8	46	
7 45	.1	.2								.1	.1						9	9	10	
7 43	.5									.1	.1						1	1	5	
7 41										.1	.1								1	
7 39										.1	.1								1	
7 37										.1	.1								1	
TOTAL	1.7	13.0	16.0	14.4	13.4	11.5	2.9	7.9	4.5	3.4	2.3	1.6	1.1	.6	.2		3017	3018	3017	
Element (X)	Z _x ²	Z _x	X	° _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	13162216	191674	63.5	18.771	3017	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	14096856	204282	67.7	9.450	3018	343.9	224.6	97.9	8.9	744										
Wet Bulb	10737322	179270	59.4	5.312	3017	72.3	2.2			744										
Dew Point	6749224	161638	53.6	5.443	3017	2.2				744										

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 AUG 64

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CLIMATE BRANCH
METAC
METEOROLOGICAL SERVICE, AFAC

PSYCHROMETRIC SUMMARY

STATION FINNEN AAF, DL STATION NAME 73-77, 80-81 YEARS SEP MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70																		1	1		
69																		2	2		
68			1.9	.9														3	3	1	
67		2.2	2.8	1.2														6	6	5	3
66		1.0	1.4	1.9	.9													15	15	7	7
65	2.3	2.9	1.2	1.9														8	8	14	3
64	.9	7.5	4.7															14	14	4	11
63	2.3	2.8	1.2	1.9	.9	.9	.9											15	15	14	13
62		6.6	.9															6	9	17	8
61	.9	4.7	4.7															11	11	10	13
60	.9	3.8	.9	1.9														8	8	11	11
59	2.3	4.7	2.8															9	9	9	12
58		3.8																4	4	11	6
57		1.9																2	2	3	8
56																					1
55																					1
54																					7
53																					1
52																					1
51																					1
Tot	11.357	5.222	5.6	1.2														106	126	176	106

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	798929	9147	86.3	9.568	106							90
Dry Bulb	309770	5698	53.8	5.753	106			8				90
Wet Bulb	285799	5472	51.6	5.619	106							90
Dew Point	265823	5267	49.7	6.258	106							90

USAFETAC FORM 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11 73 FINTHEN AFB, DL 73-81 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
7 / 71																		1	1	
6 / 65				.2	.2	.4												4	4	
4 / 63		2.2	.6	.9	.4	.2												21	21	4
2 / 61		3.1	2.2	.2	.2													28	28	16 4
7 / 59	1.2	6.3	3.3	1.4														60	60	29 33
7 / 57	.8	3.1	2.9	.6	.2													37	37	47 31
7 / 55	1.9	4.3	4.3	1.6	.4													61	61	40 37
4 / 52	1.6	5.7	4.1	1.2	.2													63	63	48 36
2 / 51	1.2	6.9	3.3	.6														59	59	67 48
5 / 49	1.6	6.7	2.7	.2														55	55	75 57
4 / 47	2.2	4.5	2.9	.6														50	50	68 70
4 / 45	1.4	.5	.8															28	28	51 78
4 / 43	.6	2.7																16	17	27 30
2 / 41	.4	1.0																7	7	15 44
6 / 37																				1 13
2 / 37																				6
2 / 35																				1
TOTAL	13.150	0.27	1.7	6.6	1.9	.2	.2											490	490	490

Element (X)	Σ X'	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	Σ X'	Σ X	X	Σ X	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3642547	41971	85.7	9.858	490							
Dry Bulb	1423026	26298	53.6	5.440	490			.2				40
Wet Bulb	1301770	25130	51.3	5.148	490							90
Dew Point	1205080	24144	49.3	5.616	490							90

USAFETAC FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-335 FINNEN AAF, DL

73-81

YEARS

SEP
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
7 / 70																		1	1		
7 / 77																		2	2		
6 / 73																		2	2		
4 / 73																		5	5		
7 / 71				.2	.6	.2												5	5		
7 / 69				.6	1.0	.2	.8	.2	.2									15	15		
7 / 67				.6	.2	1.2	.6											13	13	2	
6 / 65				1.2	1.2	1.2	.8											21	21	11	1
4 / 63				1.6	2.2	2.6	1.4	1.6	.4									50	50	16	3
2 / 61				3.4	2.8	3.0	1.6	.4	.2									57	57	32	15
7 / 59	.6	5.4	4.4	4.4	2.4	.8	.2											91	91	44	44
7 / 57	.4	2.4	3.0	3.2	1.6													53	53	62	33
5 / 55	1.2	2.0	3.6	3.2	1.2													56	56	71	47
4 / 53				2.4	3.6	3.6	.6											51	51	51	39
2 / 51	.4	1.6	3.8	.4	.2													32	32	69	45
7 / 49	.6	1.2	2.8	.4														25	25	60	64
7 / 47	.2	1.0	1.0															11	11	52	57
4 / 45	.2	1.0	.2															7	7	22	67
4 / 43		.4																2	2	7	33
2 / 41	.2	.4																3	3	3	45
40 / 3																					7
2 / 37																					2
TPL	7.4	22.7	30.1	23.7	12.2	5.2	1.0	1.2	.2									502	502	502	512
Element (X)	Z _h '	Z _X	X	σ _n	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	2263156	38030	75.8	12.803	502	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1738460	29319	58.4	6.107	502			7.7	1.8	.2		22									
Wet Bulb	1478017	27113	54.0	5.219	502			.4				90									
Dew Point	1293444	25308	50.8	5.920	502							90									

FORM 0-26-5 (OLA) REVISED NOVEMBER EDITIONS OF THIS FORM ARE OBSOLETE
AFETAC JAN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-334 STATION FT. ATHER AAF, DL STATION NAME 73-81 YEARS SEP MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
85																		1	1	
87																		1	1	
88																		2	2	
81																		5	5	
79																		5	5	
77																		6	6	
75																		7	7	
73																		14	14	
71																		12	12	
69																		19	19	
67																		25	25	6
65																		29	29	12
63																		54	54	27
61																		30	30	33
59																		48	48	38
57																		38	38	29
55																		26	26	51
53																		25	25	34
51																		21	21	43
49																		11	11	30
47																		3	3	31
45																		4	4	14
43																		2	2	2
41																				
39																				
37																				
35																				
33																				
TOTAL																		390	390	390

Element (X)	$\Sigma X'$	ΣX	ΣR	$\Sigma R'$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 10 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1660353	26289	67.8	5.068	390							
Dry Bulb	1523228	24178	62.0	7.918	390			22.8	9.5	3.0		90
Wet Bulb	1214213	21649	55.5	5.660	390			2.3				90
Dew Point	1003889	19631	50.3	6.281	390							90

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 USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

USE WITH CAUTION
SEE FIRST PAGE

1-335 FILTHEN AAF DL 73-81 YEARS SEP MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	Dry Bulb	Wet Bulb	Dew Point																	
7/91												.1																				3	3				
7/89																							.1	.1								4	4				
8/87																							.1	.0								4	4				
7/85													.0	.0									.1	.0								5	5				
4/83												.1	.1	.0	.0								.2									10	10				
7/81												.4	.2	.0	.1	.0																18	18				
7/79										.1	.1	.2	.2	.1									.1	.1								20	20				
7/77									.1	.5	.6	.4	.1	.2	.1																	50	50				
8/75								.7	.5	.9	.6	.2	.2																				64	64			
4/73				.0	.0	.5	.4	.7	.3	.4	.0																						73	73	1		
7/71			.1	.2	.9	.5	1.0	.5	.2	.0																							97	87			
7/69			.3	.8	.7	.9		.5	.2																								98	88	25		
6/67			.5	.9	1.3	1.2	.5	.2																									113	113	39		
6/65		.0	1.0	1.4	1.1	.8	.4	.1																									120	120	73		
4/63		1.5	1.7	2.3	1.7	2.0	.5	.2																									243	243	137	32	
7/61	.1	2.1	1.9	2.0	1.8	.6	.3																										212	212	155	72	
7/59	.4	3.4	2.8	3.4	2.3	.9	.2																										329	329	236	706	
7/57	.6	1.7	2.2	2.2	.9	.3	.0																										195	195	287	203	
8/55	.6	2.2	2.8	2.7	.9	.0																											212	212	273	196	
4/53	.5	2.7	2.4	1.5	.4	.0																											186	186	285	213	
7/51	.4	2.3	2.4	.6	.1																												139	139	281	219	
8/49	.5	2.0	1.7	.3																													112	112	235	292	
4/47	.6	1.4	1.1	.2																													81	81	218	259	
4/45	.4	1.3	.3																														50	53	107	333	
4/43	.2	1.0																															26	29	52	162	
2/41	.1	.4																															12	12	21	188	
4/39																																				1	59
7/37																																				23	23
7/35																																				3	3
7/33																																				2	2
TOTAL	4.3	21.8	21.2	17.7	13.0	8.7	6.2	3.8	1.5	.8	.6	.4																					2468	2469	2468		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 32 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	9222879	149915	60.5	8.560	2468			160.1	73.2	17.5		720
Wet Bulb	7530292	135526	54.9	5.976	2468			19.5	.3			720
Dew Point	6378289	128551	50.5	6.128	2468							720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-335 FINTHEN AAF, DL 73-77 OCT MONTH

PAGE 1 1300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
61				1.1						1.1																						2	2			
59		1.1	1.1																													2	2			
57		1.1	2.1																													3	3	1	1	
55	2.1	1.1	1.1																													4	4	5	2	
53	2.1	2.1	1.1																													5	5	5	4	
51	1.1	4.3																														5	5	6	5	
49	1.1	4.3	2.1																													7	7	7	5	
47	2.1	3.2	2.1	1.1																												8	8	5	8	
45	2.1	1.7	1.1																													14	14	15	5	
43	4.3	1.6	1.1																													15	15	15	14	
41	3.2	7.4																														16	10	13	20	
39	3.2	3.2																														6	6	6	11	
37	2.1	4.3																														6	6	5	6	
35	3.2	2.1																														5	5	7	6	
33		1.1																														1	1	2	3	
31																																			1	2
27	1.1																																1	1	1	2
TOTAL	27	757	411	7	2	1					1	1																				94	94	94	94	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	766126	8942	89.8	9.253	98							93
Wet Bulb	200569	4296	45.7	6.782	98		1.0					93
Dew Point	187668	4160	42.3	6.192	98		2.0					93
	175500	4220	42.8	6.205	98		1.1					93

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CENTRAL CLIMATOLOGY BRANCH
AFCTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10335 FINTHEN AAF, DL STATION NAME

73-81 YEARS

YEARS

OCT MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point
67 63				.2														1	1		
77 61				.2														1	1		
77 59		.5	.5	.2														10	10		
77 57	.2	.5	1.1			.5												10	10	5	4
57 55	.4	1.4	2.3	.2														24	24	9	7
47 53	.9	3.4	1.2	.4														33	33	27	16
27 51	1.1	3.6	1.2	.2														34	34	36	23
50 49	.9	4.8	1.6															41	41	41	31
67 47	1.4	7.5	1.6	.4														61	62	55	41
47 45	3.6	1.9	2.1	.5														56	96	100	63
47 43	2.3	8.5	1.8															71	71	64	74
27 41	1.6	8.4	.2															57	57	61	77
80 39	3.9	6.2	.4															59	59	63	67
57 37	1.1	3.0	.7															27	27	41	55
77 35	1.6	1.8	.7															23	23	30	42
37 33	.9	.7	.4															11	11	20	18
77 31																				7	10
77 29	.2																	1	1	1	9
77 27	.4																	2	2	2	8
77 25																					2
TOTAL	20.3	61.2	15.8	2.1		.5												562	563		562
Element (X)	Z _X ¹	Z _X	R	e _X	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4464378	49846	88.7	8.759	562	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	1182129	25565	45.4	6.151	563		.5					93									
Wet Bulb	1098049	24631	43.8	5.748	562		1.7					93									
Dew Point	1019983	23707	42.2	5.962	562		4.8					93									

USAFETAC FORM 10-63 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10335 FINTHEN AAF, DL STATION NAME 73-81 YEARS OCT MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
1 / 67						.2																											1	1			
6 / 65						.2	.2																											2	2		
4 / 63			.2	.7	.5	.2	.2																										10	10			
7 / 61		.2	.5	.7	.3	.2																											11	11			
7 / 59		.3	1.2	1.4	.3	.3																											21	21	5		
7 / 57		1.4	1.7	1.0	.7																												26	26	12	3	
5 / 55	.2	1.6	1.9	1.0	.3	.2																											30	30	72	6	
7 / 53	.3	1.4	3.1	2.1																													40	40	32	25	
2 / 51	.5	3.0	3.5	.7	.2																												46	46	35	22	
5 / 49	.9	5.0	6.8	.3	.3																												75	75	62	31	
7 / 47	.3	5.2	4.0	.5	.2																												59	59	92	48	
4 / 45	3.1	8.3	4.2	.7		.2																											94	94	91	93	
4 / 43	.5	5.0	1.9																														43	44	61	83	
2 / 41	1.4	7.8	1.2	.2																													61	61	55	49	
4 / 39	1.7	3.1	.3	.2	.2																												32	32	59	70	
3 / 37	.5	1.4	.2	.2																													13	13	24	45	
7 / 35	.3	.7	.3																														8	8	14	27	
3 / 33																																				7	16
2 / 31																																			3	7	
2 / 29																																				2	
1 / 27	.2																																	1	1	4	
1 / 25																																				1	
2 / 23																																				1	
2 / 21																																				1	
7 / 1																																				1	
TOTAL	9.9	44.5	30.8	9.7	3.7	1.2	.2																											575	576	575	575
Element (X)	Z _g ¹	Z _X	X	e _a	No. Obs.	Mean No. of Hours with Temperature					Total																										
Ref. Num.	3973757	47355	82.4	1.282	575	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																										
Dry Bulb	1372577	27871	48.4	6.458	576		.2	.2			93																										
Wet Bulb	1220559	26299	45.7	5.555	575		.6				93																										
Dew Point	1088733	28751	43.0	5.802	575		2.7				43																										

USAFETAC FORM 0-26-5 (OLA) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-335 FIFTHEN AAF, DL 73-81 OCT 1200-1400
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb
7 / 77																		1	1	
6 / 75																		2	2	
4 / 73																		5	5	
7 / 71																		3	3	
10 / 69																		8	8	
8 / 67																		9	9	
6 / 65																		17	17	
4 / 63																		25	25	3
2 / 61																		17	17	14
7 / 59																		35	35	18
5 / 57																		33	33	23
5 / 55																		50	50	76
4 / 53																		38	38	32
2 / 51																		72	72	49
5 / 49																		64	64	77
4 / 47																		53	53	90
4 / 45																		56	56	93
4 / 43																		36	36	62
2 / 41																		26	26	45
4 / 39																		13	13	24
3 / 37																		4	4	15
3 / 35																				4
3 / 33																				
2 / 31																				
1 / 29																				
1 / 27																				
1 / 25																				
2 / 23																				
TOTAL	3.7	2.4	7.2	8.7	27.1	12.7	6.2	3.0	.5	.4								567	567	567

Element (X)	Z _x '	Z _x	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	3191764	41802	73.7	13.937	567							
Dry Bulb	1599009	29801	52.6	7.600	567			4.6	1.3			93
Wet Bulb	1333386	27300	49.1	5.785	567							93
Dew Point	1112249	24887	43.9	5.929	567		2.5					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JAN 64

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 1-335 FINTHEN AAF, DL STATION NAME 73-81 YEARS OCT MONTH OCT

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb
81									.2									1	1	
79								.4										2	2	
77							.4	.4	.7									4	8	
75							.2	.2	.4									4	4	
74							.2	.4	.2	.2								8	8	
71								.5	.4									8	8	
69			.4			.5	.4		.4									9	9	
67						.5		.2										4	4	2
65			.2	.7	1.1	.4	.4											15	15	7
63		.2	1.6	.9	1.4	.4												26	26	11
61		.2	1.6	1.2	.5	.5												23	23	15
59		.7	1.8	2.1	.7	.6												32	32	18
57		.5	1.3	2.1	1.4	.5	.4											38	38	20
55		1.4	2.3	3.2	2.1	1.1												57	57	29
53		.5	3.2	3.2	1.1	.5												47	47	46
51	.2	3.7	5.0	1.1	.7	.2		.2										62	62	48
49	.2	.5	4.6	1.8	.2													41	41	72
47	.2	3.7	3.7	1.4	.2			.2										53	53	61
45	.5	5.3	3.7	.9	.5													62	62	85
43		3.4	1.4		.2													26	28	45
41	.5	3.0	.4															22	22	53
39	1.2	.9																12	12	18
37	.2																	1	1	11
35																				1
33																				7
31																				7
27																				4
21																				1
15																				1
TOTAL	2	23	42	7	19	21	3	6	4	1	3	1	8	1	1			563	563	563

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						= 60 F	= 62 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	3037640	41560	72.0	14.339	563							
Dry Bulb	1465112	30250	53.7	8.413	563			7.3	3.8	.2		93
Wet Bulb	1367610	27528	48.9	6.203	563			.3				93
Dew Point	1127724	24958	44.3	6.160	563		2.1					93

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR FORCE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17 33 STATION FINTHEN AFB, DL 73-81 YEARS OCT MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 59				.2														2	2																
7 67					.4													4	4																
7 68				.2	.4													5	5																
7 63			.6	1.0	1.1													16	18	1															
7 61		.2	1.1	.4	.4													11	11	4	1														
7 59		.4	2.7	2.9	.5													12	32	19	1														
7 57		.8	1.7	2.3	.6													26	26	16	6														
5 7 55		1.3	2.7	1.7	1.1													12	32	16	13														
4 7 53	.2	1.1	3.8	2.1	.7													35	35	31	21														
7 51	.2	3.4	4.4	1.1														43	43	31	23														
7 49	.2	1.7	6.9	.8														46	46	37	31														
7 47	.2	4.4	3.2	.6	.4													42	42	67	46														
4 7 45	.8	9.7	4.8	2.1	.4													85	85	59	70														
4 7 43	.2	6.1	2.3		.2													42	42	59	64														
7 41		5.7	1.1	.5	.2													36	36	43	72														
4 7 39	1.2	1.3																15	15	51	52														
7 37			.2															1	1	11	34														
7 35																		1	1	4	20														
7 33																				2	11														
7 31																					3														
7 29																					3														
7 27																					2														
7 25																					2														
7 2																					1														
TOTAL	3.	36.	135.	517.	6.3	.6	.4											476	476	476	476														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	3016573	37561	79.9	10.528	476	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	1229491	23975	50.4	6.794	476			1.2				93																							
Wet Bulb	1071463	22415	47.1	5.792	476							93																							
Dew Point	933016	20878	43.9	6.031	476		2.1					93																							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR FORCE CLIMATOLOGY BRANCH
METAC
WATER SERVICE/ AC

PSYCHROMETRIC SUMMARY

USE WITH CAUTION
SEE FIRST PAGE

1 334 FINTHEN AAF, DL 73-61 YEARS MONTH OCT

PAGE 1

ALL
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
1 / 21																		1	1																	
1 / 22									.1									2	2																	
7 / 77							.1	.1	.2									9	9																	
4 / 75							.2	.3	.4	.1								6	6																	
4 / 7						.0	.7	.0	.1									13	13																	
1 / 71					.1	.2	.2	.1										11	11																	
7 / 69			.1	.2	.1	.3	.1	.2										19	19																	
5 / 67			.2	.3	.4	.1	.1	.1										18	18	2																
6 / 65			.5	.5	.5	.3	.2	.0										39	39	7																
4 / 63		.2	.2	1.0	1.0	.5	.1											80	80	15																
7 / 61		.1	.4	.4	.4	.3	.2											65	65	33	5															
1 / 59		.4	1.2	1.5	.9	.6	.1											132	132	51	7															
7 / 57	.7	.7	1.5	1.6	.7	.1	.1											138	138	77	30															
5 / 55	.7	1.3	2.3	2.0	.4	.4												197	197	114	50															
4 / 53	.4	1.5	2.7	1.8	.4	.2	.2											198	198	173	126															
7 / 51	.5	2.4	3.7	.9	.6	.1	.2											262	262	205	122															
7 / 49	.6	2.9	5.0	.8	.7	.0												274	274	316	154															
7 / 47	.5	4.7	3.4	1.0	.2	.2												276	277	399	260															
4 / 45	1.8	7.7	3.5	1.2	.2	.0												407	407	433	422															
4 / 43	.8	5.8	1.6	.0	.1													235	236	306	390															
7 / 41	.9	5.7	.6	.2	.0													212	212	270	430															
4 / 39	1.9	2.7	.1	.2	.2													137	137	222	324															
7 / 37	.5	1.1	.2	.0														52	52	107	216															
1 / 35	.5	.6	.2															37	37	60	138															
3 / 33	.2	.2	.1															12	12	31	64															
7 / 31																				11	33															
7 / 29	.2																	1	1	1	19															
7 / 27	.1																	4	4	4	23															
1 / 25																					7															
7 / 23																					3															
2 / 21																					2															
20 / 19																					2															
TOTAL		6.938	7.270	13.1	7.0	3.0	1.6	.5	.3									2837	2939	2837	2837															
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	10449218	225566	79.5	13.473	2837	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744																								
Dry Bulb	7248882	141758	49.9	7.753	2839	1.3	20.7	8.1	.3			744																								
Wet Bulb	6278735	132333	46.6	6.114	2837	4.2	.5					744																								
Dew Point	5453205	123201	43.4	6.027	2837	23.3						744																								

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1733 STATION EINTHEN AAF, DL STATION NAME 73-79 YEARS NOV MONTH
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
7/59		1.1															1	1		
7/57		1.1	1.1														2	2	1	
6/55																			1	1
4/53		1.1															1	1	1	1
7/51				1.1													1	1	1	
7/49		1.1															1	1		2
7/47		1.1	2.2														3	3	2	
6/45	1.1	4.3															5	5	5	3
4/43		8.6	2.2														10	10	7	1
7/41	1.1	8.3	3.2														21	21	17	17
6/39	2.2	7.5	1.1	1.1													11	11	9	10
7/37	1.1	9.7															10	10	11	12
7/35		7.5	1.1														8	8	11	10
3/33	3.2	2.2	1.1														6	6	10	11
2/31	1.1	1.1															2	2	5	6
7/29	1.1	3.2															4	4	5	4
7/27		1.1															1	1	1	5
7/25	2.2	1.1															3	3	3	4
7/23	1.1	2.2															3	3	2	3
2/21																			1	1
7/19																				1
1/17																				1
TOTAL	14.0	72.0	11.9	2.2													93	93	93	93

Element (X)	Σ X'	Σ X	Σ X ²	Σ X ³	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	714818	8118	87.3	8.206	93	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	148144	3654	39.3	7.053	93		12.6					90
Wet Bulb	136554	3514	37.8	6.658	93		16.5					90
Dew Point	123355	3325	35.8	6.976	93		24.2					90

USAFETAC FORM 0-26-5 (OL A) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

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FEDERAL CLIMATOLOGY BRANCH
 US AFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-335 STATION FINTHEN AAF, DL STATION NAME 73-81 YEARS NOV MONTH

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
1 / 59		.4	.2																														3	3			
2 / 57		.6	.2																														4	4	2	2	
3 / 55			.4																														2	2	4		
4 / 53			.8																														6	6	1	4	
5 / 51		.8		.6																													7	7	9		
6 / 49	.2	.7	.9																														20	20	10	9	
7 / 47	.6	2.1	.9		.2																												20	20	19	14	
8 / 45	1.3	6.3	1.5																														48	48	38	29	
9 / 43	.6	4.7	.9	.2																													34	34	33	16	
10 / 41	2.1	3.1	1.9																														90	90	64	63	
11 / 39	1.3	6.3	.6																														43	43	53	53	
12 / 37	3.1	9.1	.8																														68	68	57	56	
13 / 35	2.6	6.5	1.1																														55	55	69	58	
14 / 33	2.5	2.3	.9																														30	30	50	58	
15 / 31	1.3	2.5	.2																														21	21	36	42	
16 / 29	2.3	2.8	.2																														28	28	25	33	
17 / 27	3.5	1.7	.4																														27	27	29	33	
18 / 25	1.1	1.7																															15	15	19	24	
19 / 23		.4																															2	2	4	14	
20 / 21	.6	.2																															4	4	4	10	
21 / 19																																				1	4
22 / 17																																				5	5
TOTAL	22.2	64.7	11.6	.9																													527	527	527	527	
Element (X)	Σx²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	4131.20	4685.8	88.1	6.341	527	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90																									
Dry Bulb	823529	20497	38.9	7.074	527		16.6					90																									
Wet Bulb	7658.3	19773	37.5	6.749	527		20.2					90																									
Dew Point	69862.8	18766	35.6	7.083	527		28.2					90																									

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-335 FINTHEN AAF, DL 73-81 YEARS NOV
 STATION MONTH

PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
61				.2														2	2		
59			.4	.6	.4													7	7		
57		.4	.2	.6	.2													7	7		
55			1.9	.9	.4													17	17	5	
53		.6	1.7	2.4														25	25	5	4
51		.4	1.5	1.5	.2													19	19	19	
49			.9	3.0	1.3	.8												22	32	18	11
47			1.7	3.4	1.5	.2												36	36	36	14
45		.6	3.8	1.1	.4													64	64	52	30
43		.6	8.5	4.3	2.6	.4												67	87	84	36
41	1.7	5.8	5.1	1.3														74	74	62	99
39	.4	5.8	2.1	.6	.2													48	48	53	52
37	2.3	2.4	1.1	.8														35	35	79	65
35	.4	2.4	2.3	.2														28	28	30	41
33	1.3	2.4	.4															22	22	39	61
31	.8	1.1	1.3															17	17	29	29
29	.2	1.1	.4															9	9	13	33
27	.2	.2																2	2	7	26
25																				2	14
23																					10
21																					2
19																					4
TOTAL	7.7	40.7	32.8	15.6	3.0	.2												531	531	531	531
Element (X)	ΣX'	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	3401472	42050	79.2	1.689	531	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1026321	23079	43.5	6.621	531		8.7					90									
Wet Bulb	895867	21585	41.6	5.899	531		8.6					90									
Dew Point	755588	19782	37.2	6.388	531		20.0					90									

USAFETAC Form 0-26-5 (OL A) Revised previous editions of this form are obsolete

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GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 33: FINTHEN AAF, DL 73-81 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb
61				.4		.4												4	4	
59			.5		.4													5	5	
57			1.0	.8	.4	.2												12	12	
55		.4	1.0	1.1	.4													20	20	5
53		.4	1.1	1.5	.4													18	18	10
51		1.0	1.5	1.5	.2													22	22	18
49		1.1	2.1	1.7	.6													25	25	22
47		1.0	1.1	.8	.2													37	37	29
45	.6	5.9	5.7	1.0	.2													66	66	57
43	1.9	8.0	5.5	2.5														94	94	79
41	.4	6.9	6.1	1.3														77	77	58
39	.8	4.2	1.7	.8	.6													42	42	46
37	1.5	3.2	1.5	.2														34	34	58
35	.4	2.5	1.5															23	23	37
33	.6	2.5	1.3															23	23	31
31	.6	1.8	.2															9	9	28
29		1.5	.6															11	11	10
27	.4	.2																3	3	8
25																				3
23																				
21																				
19																				
17																				
15																				
13																				
11																				
9																				
7																				
5																				
3																				
1																				
TOTAL	7.0	30.4	36.8	13.0	3.2	.6												525	525	525

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3351241	41517	70.1	11.398	525	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1026043	22949	43.7	6.609	525		3.9					90
Wet Bulb	895226	21856	40.9	5.918	525		8.4					90
Dew Point	756805	19641	37.9	6.481	525		18.7					90

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FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 335 FINTHEN AAF, DL 73-81 YEARS NOV MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb
7 / 59			.7	.2	.2												5	5		
7 / 57			1.1														5	5		
5 / 55		.5	1.1	.2													8	5	3	
4 / 53		.5	.3	1.1													17	17	9	1
2 / 51		.9	.9	.2													9	9	13	7
3 / 47		1.1	1.8	.7													16	16	16	9
4 / 47		1.8	2.7	.5													22	22	15	9
4 / 45		5.5	2.7	.2													37	37	35	22
4 / 43	.9	8.4	5.3	.2													65	65	41	24
5 / 41	.9	9.6	7.3														78	78	50	68
4 / 39	1.4	6.6	1.6														42	43	63	32
3 / 37	2.1	5.3	1.1														37	37	64	59
7 / 35	.2	4.8															22	22	35	51
3 / 33	.2	2.5	1.1														20	20	27	46
2 / 31	.2	4.3	.9														24	24	28	22
1 / 29	.5	2.7	.2														15	15	17	26
2 / 27	.5	1.8	1.1														15	15	17	29
2 / 25		.2															1	1	8	14
2 / 23																				10
2 / 21																				3
2 / 19																				2
1 / 17																				3
1 / 15																				1
TOTAL	7.556	6.32	2.3	.4	.2												439	439	478	438

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3183057	36295	82.9	9.008	438	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 92 F	Total
Dry Bulb	772891	18169	41.4	6.912	439		11.3					90
Wet Bulb	623222	17198	39.3	6.408	438		14.9					90
Dew Point	602708	15974	36.5	6.787	438		22.6					90

FORM NO. 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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FEDERAL BUREAU OF SURVEY
 NATIONAL WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY
 USE WITH CAUTION
 SEE FIRST PAGE

STATION 335 FINNEN AAF, DI STATION NAME 73-61 YEARS NOV MONTH

PAGE 1 ALL HOURS (C, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
27 61				.1		.1											6	6		
27 59		.1	.4	.2	.2												26	26		
27 57		.3	.5	.3	.2	.2											33	33	3	2
27 55		.2	1.1	.5	.2												50	50	21	1
27 51		.6	1.1	1.1	.1												73	78	29	11
27 49		.9	1.0	.8	.1												74	74	67	15
27 47	.0	1.6	1.8	.6	.3												111	111	79	53
27 45	.2	1.9	2.8	.6	.1												146	146	131	63
27 43	.6	6.3	3.3	.5	.1												254	284	223	154
27 43	.9	7.2	7.6	1.1	.1												339	339	303	134
27 41	1.3	9.6	4.5	.6													422	422	307	914
27 39	1.3	6.0	1.6	.3	.2												240	241	307	258
27 37	2.2	5.3	1.0	.2													229	229	332	317
27 35	1.0	4.4	1.2	.0													174	174	230	262
27 33	1.0	2.6	.8														138	138	208	268
27 31	.9	2.3	.6	.0													101	101	165	181
27 29	.8	2.2	.3														86	86	93	151
27 27	1.0	1.1	.4														67	67	80	164
27 25	.4	.5															25	25	46	76
27 23	.0	.2															5	5	8	57
27 21	.2	.0															5	5	6	27
27 19																			1	15
27 17																				11
27 15																				2
27 13																				1
TOTAL	12.2	25.3	22.6	0	7.0	1.4	.2										2639	2640	2639	2639

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	18502725	219201	83.1	10.582	2639							
Dry Bulb	4682682	109604	41.5	7.080	2640		78.8					720
Wet Bulb	4194312	103839	39.3	6.912	2639		108.9					720
Dew Point	3687349	96501	36.6	6.708	2639		187.8					720

FORM 34-A 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-335 FINTHEN AAF, DL
STATION STATION NAME

73-81
YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥31	Dry Bulb	Wet Bulb
5 / 49		1.9	.4														12	12	3	
6 / 47		2.7	1.3														21	21	14	3
7 / 45	1.0	1.5	.6														16	16	23	25
8 / 43	.2	1.2	.2														8	8	14	6
9 / 41	1.7	7.1	.8	.8													54	54	17	30
10 / 39	1.2	6.7	1.5														49	49	38	17
11 / 37	1.3	6.7	1.3														49	49	46	41
12 / 35	3.1	9.1	1.5														71	71	67	46
13 / 33	5.4	3.3	.6														48	48	84	64
14 / 31	2.7	2.9	.4														31	31	48	60
15 / 29	3.5	2.9															33	33	34	50
16 / 27	5.2	3.1	.2														44	44	38	54
17 / 25	3.5	2.9															33	33	32	28
18 / 23	1.7	1.5															13	13	16	39
19 / 21	1.2	1.0															11	11	14	11
20 / 19	1.7	.8															13	13	14	11
21 / 17	1.1	1.2															11	11	10	13
22 / 15																			5	13
23 / 13																				6
24 / 11																				2
25 / 9	.2																1	1	1	3
26 / 7	.4																2	2	2	2
27 / 5																				1
TOTAL	34.0	56.3	8.8	.8													520	520	520	520
Element (X)	Z _x ¹	Z _x	X	c _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	4140428	46180	88.8	8.708	520	≤ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb	639720	17792	34.2	7.724	520		34.3					93								
Wet Bulb	598049	17219	33.1	7.328	520		38.3					93								
Dew Point	536510	16206	31.2	7.784	520		51.5					93								

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-335 STATION FINNEN AAF, DL STATION NAME 73-81 YEARS DFC MONTH 0900-1100 HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
51		.2	.2															2	2		
49		1.8	.9	.4														17	17	3	
47		2.0	1.1															17	17	16	3
45	.2	2.6	1.3															22	22	13	19
43	.2	4.4	1.5															33	33	22	11
41	1.1	5.5	2.2	.2														49	49	42	32
39	.4	3.9	.9															28	28	28	40
37	2.4	8.7	1.8															70	70	65	33
35	3.1	6.5	.9															57	57	72	43
33	3.2	6.5	.6															59	59	72	56
31	2.8	4.6	.9															45	45	68	77
29	2.4	2.8	.7															32	32	38	50
27	3.9	2.2	1.7															42	42	33	59
25	2.2	2.6																25	25	26	24
23	.6	2.4																16	16	20	24
21	.7	1.7																13	13	14	12
19	.4	.6																5	5	11	10
17	.6	.6																6	6	6	23
15	.2	.2																2	2	4	13
13																				1	6
11		.4																2	2	2	1
9																					3
7																					3
TOTAL	24.7	60.0	14.8	.6														542	542	542	542
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	4108135	86909	85.5	9.488	542	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	696179	18995	35.0	7.506	542		32.3					93									
Wet Bulb	691719	18246	33.7	7.127	542		38.3					93									
Dew Point	568088	14972	31.3	7.767	542		52.3					93									

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GENERAL CLIMATOLOGY BRANCH
 AFSAFETAC
 AIR WEATHER SERVICE/MAC

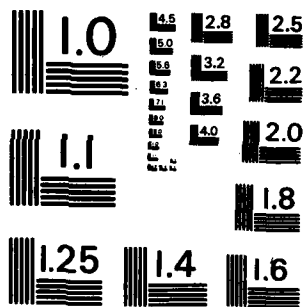
PSYCHROMETRIC SUMMARY

1 335 FINTHEN AAF, DL 73-81 YEARS DEC MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																		
57				.2																													1	1				
55			.8																															4	4			
53			.6	.4																														5	5			
51			1.8	.4																														11	11			
49		1.0	1.4	.6																														15	15	5	2	
47		1.6	1.8	.2																														18	18	21	5	
45	.2	3.3	3.3	.6	.2																													39	39	26	12	
43	1.0	3.5	1.4	.8	.4																													36	36	28	12	
41	.2	3.9	3.7	1.0																														45	45	40	31	
39		4.3	3.1	1.0	.2																													48	48	26	34	
37	1.0	2.4	2.5	.4																														63	63	46	21	
35	1.7	5.3	4.5																															55	55	69	57	
33	3.5	6.5	.8	.6																														58	58	76	36	
31	3.2	3.3	1.4	.4																														43	43	76	70	
29	1.4	2.2	.6																															21	21	24	56	
27	2.7	2.0	.8																															28	28	29	72	
25		1.4																																7	7	13	22	
23		1.4																																7	7	11	19	
21	.3	.4																																6	6	8	15	
19	.2	.8																																5	5	3	9	
17																																					4	11
15																																					5	
11																																					3	
TOTAL	15.3	128.4	6.5	.8																															511	511	511	
Element (X)	Σx'	Σx	X	σ _n	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.	3502983	41903	82.0	21.486	511	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																											
Dry Bulb	798702	19214	37.6	7.173	511		21.3					93																										
Wet Bulb	666145	18143	35.5	6.565	511		30.8					93																										
Dew Point	561451	16593	32.8	7.183	511		51.7					93																										

USAFETAC FORM 0-26-5 (OL A) REVISD NEWER EDITIONS OF THIS FORM ARE OBSOLETE JAN 64



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14335 FINTHEN AAF, DL 73-81 DEC
STATION STATION NAME YEARS MONTH
PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
50 / 55			.3														1	1		
47 / 53			.6														2	2		
27 / 51			.3														1	1	2	
50 / 47		1.2	2.3														12	12	4	
47 / 47		1.2	1.2														8	8	7	5
47 / 45	.9	1.7	1.7														15	15	15	9
47 / 43	.6	5.2	1.2														24	24	8	11
27 / 41	.9	6.7	2.3														34	34	27	16
47 / 37		4.9	4.1														31	31	26	26
37 / 37	2.3	7.8	.6	.6													39	39	33	28
7 / 35	1.7	7.0	2.0														37	37	51	31
37 / 33	2.9	8.1	2.9														48	48	33	36
27 / 31	.6	5.5															21	21	57	25
37 / 29	.6	3.2	.9														16	16	21	47
50 / 27	2.1	2.9	2.0	.6													26	26	14	35
7 / 25	.9	.3															4	4	18	21
27 / 23	.6	2.3															10	10	6	15
27 / 21	.6	.6															4	4	9	4
27 / 19	1.2	2.0															11	11	6	13
17 / 17																			7	7
17 / 15																				7
17 / 13																				5
17 / 11																				1
17 / 9																				2
TOTAL	15.7	60.8	22.4	1.2													344	344	344	344
Element (X)	Zg'	Zg	H	Pa	No. Obs.	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Rel. Hum.	2479810	29008	84.3	9.911	344															
Dry Bulb	464203	12393	36.0	7.190	344		24.9					93								
Wet Bulb	421122	11804	34.3	6.847	344		37.3					93								
Dew Point	364052	10882	31.6	7.600	344		49.2					93								

FORM 0-26-5 (O.L.A.)
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

106335 FINTHEN AAF,DL
 STATION

73-81
 YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3-05	MEAN	36.0	35.0	37.8	41.9	49.8	56.2	58.5	59.0	53.8	45.7	39.3	34.6	47.2
	S D	7.445	5.071	7.314	6.474	5.995	6.416	5.431	4.937	5.753	6.742	7.053	6.762	10.972
	TOTAL OBS	74	68	77	114	112	121	126	122	106	94	93	83	1190
6-08	MEAN	33.1	34.1	39.2	42.5	51.1	58.3	59.5	59.5	53.6	45.4	38.9	34.2	45.9
	S D	8.145	5.364	6.941	6.319	6.431	6.248	5.869	5.162	5.440	6.151	7.074	7.724	11.768
	TOTAL OBS	566	510	581	554	533	535	581	585	491	563	527	520	6546
8-11	MEAN	33.9	35.6	42.1	47.7	56.3	63.3	64.7	65.3	58.4	48.4	40.5	35.0	49.5
	S D	7.858	5.176	6.922	7.772	7.764	7.796	7.289	6.293	6.107	6.458	6.928	7.506	13.532
	TOTAL OBS	584	516	591	556	554	554	599	610	502	576	525	592	6711
12-14	MEAN	35.9	39.4	46.9	53.0	62.2	68.1	69.5	71.4	64.4	52.6	43.5	37.3	53.9
	S D	6.873	5.723	7.259	9.583	9.509	9.486	8.931	8.392	7.595	7.600	6.621	7.264	14.974
	TOTAL OBS	583	512	573	560	552	559	600	608	497	567	531	539	6676
15-17	MEAN	36.8	40.9	49.0	54.9	65.0	70.5	72.1	74.0	66.1	53.7	43.7	37.6	55.5
	S D	6.955	6.367	8.043	10.674	10.563	10.244	10.080	9.583	8.758	8.413	6.609	7.173	15.922
	TOTAL OBS	581	515	594	554	531	534	584	586	483	563	525	511	6561
18-20	MEAN	34.7	38.4	46.1	51.6	62.3	68.5	69.8	70.5	62.0	50.4	41.4	36.0	53.0
	S D	6.866	5.873	7.589	9.519	9.948	10.040	9.458	9.228	7.918	6.794	6.912	7.190	15.355
	TOTAL OBS	505	458	523	490	488	464	505	507	390	476	439	344	5585
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	34.9	37.6	44.5	49.6	59.0	65.2	66.7	67.7	60.5	49.9	41.5	36.0	51.4
	S D	7.488	6.233	8.223	9.946	10.288	9.956	9.563	9.450	8.860	7.783	7.080	7.482	14.676
	TOTAL OBS	2893	2579	2939	2828	2766	2769	2995	3018	2469	2839	2440	2534	33269

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

106335 FINTHEN AAF, DL

73-81

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
03-05	MEAN	34.7	33.5	35.7	39.3	46.4	52.7	54.9	55.8	51.6	44.3	37.8	33.6	44.8
	S D	7.093	6.848	6.626	5.829	5.392	5.636	4.575	4.680	5.619	6.192	6.658	6.365	10.065
	TOTAL OBS	74	68	77	114	112	121	126	122	106	94	93	83	1190
06-08	MEAN	32.1	32.7	37.2	39.6	47.3	54.1	55.6	56.0	51.3	43.8	37.5	33.1	43.5
	S D	7.711	5.011	6.475	5.662	5.699	5.243	4.502	4.557	5.148	5.748	6.744	7.328	10.636
	TOTAL OBS	564	509	581	554	533	535	581	585	490	562	527	520	6591
09-11	MEAN	32.6	33.8	39.3	42.5	50.0	56.5	58.1	58.8	54.0	45.7	38.7	33.7	45.5
	S D	7.473	4.702	6.193	6.043	5.903	5.539	4.752	4.563	5.219	5.555	6.391	7.127	11.214
	TOTAL OBS	584	516	591	556	554	556	599	609	502	575	525	542	6709
12-14	MEAN	34.1	36.3	42.1	45.0	52.7	58.3	59.8	61.0	56.9	48.1	40.6	35.3	47.7
	S D	6.461	4.718	6.002	6.560	6.266	5.818	5.177	4.960	5.465	5.785	5.899	6.764	11.274
	TOTAL OBS	583	512	572	560	552	559	600	608	497	567	531	534	6675
15-17	MEAN	34.7	37.3	43.0	46.0	54.0	59.3	60.8	61.8	57.7	48.9	40.9	35.5	48.4
	S D	6.484	4.971	6.343	6.826	6.318	5.857	5.279	5.077	5.941	6.203	5.918	6.565	11.460
	TOTAL OBS	581	510	594	553	531	534	584	586	483	563	525	511	6559
18-20	MEAN	33.0	35.7	41.5	44.2	52.6	58.5	59.7	60.4	55.3	47.1	39.3	34.3	47.1
	S D	6.578	4.885	6.164	6.312	6.413	5.730	5.128	5.168	5.660	5.792	6.408	6.847	11.454
	TOTAL OBS	505	458	523	490	484	464	505	507	390	476	438	344	5584
ALL HOURS	MEAN	33.3	35.1	40.5	43.3	51.1	57.1	58.6	59.4	54.9	46.6	39.3	34.3	46.3
	S D	7.035	5.141	6.630	6.700	6.598	5.998	5.328	5.312	5.976	6.114	6.412	6.978	11.306
	TOTAL OBS	2892	2577	2938	2827	2764	2769	2995	3017	2468	2837	2639	2534	33284

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

106335 FINTHEN AAF, DL

73-81

STATION	STATION NAME												YEARS	
HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
3-05	MEAN	32.7	31.0	32.7	35.7	42.8	49.6	52.0	53.2	49.7	42.8	35.8	31.7	42.2
	S D	7.257	5.470	7.003	6.462	6.290	6.295	5.441	5.447	6.259	6.205	6.976	6.714	10.300
	TOTAL OBS	74	68	77	114	112	121	126	122	106	94	93	83	1190
06-08	MEAN	30.2	30.3	34.6	35.9	43.3	50.8	52.5	53.2	49.3	42.2	35.6	31.2	40.8
	S D	7.805	5.531	6.917	6.247	6.729	5.685	5.076	5.003	5.616	5.962	7.083	7.784	10.688
	TOTAL OBS	564	509	581	554	533	535	581	585	490	562	527	520	6591
09-11	MEAN	30.4	30.9	35.6	36.4	44.0	51.2	53.2	54.1	50.4	43.0	36.3	31.3	41.5
	S D	7.856	5.118	6.657	6.544	6.875	5.988	5.176	5.093	5.920	6.598	7.767	10.779	
	TOTAL OBS	584	516	591	556	554	554	599	609	502	575	525	542	6709
12-14	MEAN	31.1	31.9	36.3	36.3	44.1	51.0	52.9	53.8	51.1	43.9	37.2	32.2	42.0
	S D	7.085	5.253	6.750	6.827	7.285	6.174	5.486	5.557	6.178	5.929	6.384	7.397	10.544
	TOTAL OBS	583	512	572	560	552	559	608	608	497	567	531	534	6675
15-17	MEAN	31.4	32.1	35.9	36.3	44.5	51.2	53.0	53.5	51.3	44.3	37.4	32.4	42.0
	S D	7.220	5.502	7.489	7.022	7.025	6.240	5.321	5.899	6.431	6.160	6.481	7.143	10.582
	TOTAL OBS	581	514	594	553	531	534	584	586	483	563	525	511	6559
18-20	MEAN	30.2	31.7	35.8	35.9	44.0	51.3	52.5	53.3	50.3	43.9	36.5	31.6	41.6
	S D	7.441	5.472	7.006	6.684	7.518	5.955	4.980	5.612	6.201	6.031	6.787	7.600	10.637
	TOTAL OBS	505	458	523	490	484	464	505	507	390	476	438	344	5584
ALL HOURS	MEAN	30.7	31.4	35.6	36.2	43.9	51.0	52.8	53.6	50.8	43.4	36.6	31.7	41.6
	S D	7.496	5.415	7.004	6.660	7.060	6.031	5.233	5.443	6.128	6.027	6.704	7.522	10.634
	TOTAL OBS	2891	2577	2938	2827	2746	2769	2995	3017	2468	2437	2419	2534	33254

U S AIR FORCE
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APPLICATIONS CENTER

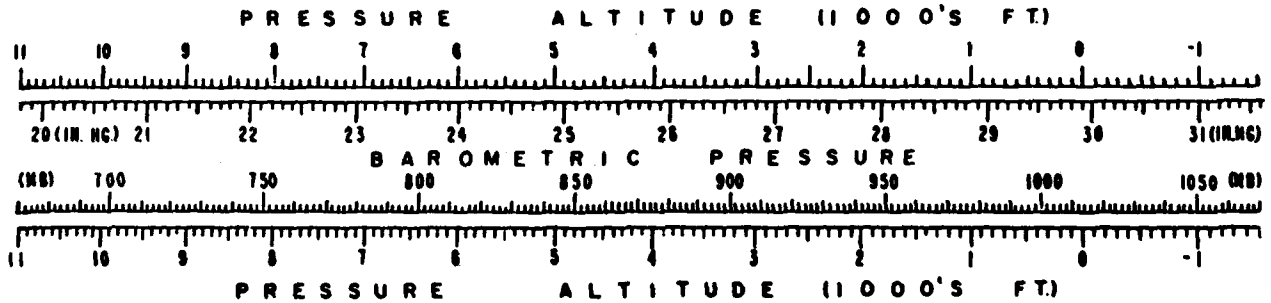
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

106335 FINTHEN AAF, DL

73-81

STATION	STATION NAME	YEARS											
HRS IL ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN												
	S D												
	TOTAL OBS												
04	MEAN												
	S D												
	TOTAL OBS												
07	MEAN	29.181	29.116	29.115	29.130	29.147	29.213	29.181	29.236	29.230	29.177	29.210	29.170
	S D	.322	.351	.269	.201	.203	.152	.147	.147	.206	.270	.294	.390
	TOTAL OBS	192	160	195	183	172	182	195	195	166	187	176	182
10	MEAN	29.195	29.140	29.130	29.147	29.153	29.214	29.191	29.246	29.255	29.200	29.229	29.133
	S D	.319	.357	.275	.205	.196	.158	.149	.148	.203	.273	.300	.391
	TOTAL OBS	194	172	197	180	182	189	202	203	167	192	176	179
13	MEAN	29.200	29.141	29.127	29.141	29.143	29.213	29.182	29.235	29.238	29.191	29.210	29.123
	S D	.328	.307	.272	.197	.191	.148	.145	.146	.204	.269	.296	.395
	TOTAL OBS	195	169	191	187	184	183	200	202	164	189	177	178
15	MEAN	29.188	29.123	29.097	29.113	29.127	29.192	29.160	29.220	29.210	29.191	29.211	29.110
	S D	.331	.339	.261	.196	.183	.151	.140	.142	.201	.258	.287	.386
	TOTAL OBS	195	171	199	180	177	176	200	197	162	187	175	177
19	MEAN	29.196	29.147	29.098	29.110	29.128	29.180	29.187	29.220	29.228	29.186	29.208	29.102
	S D	.332	.334	.266	.200	.175	.152	.148	.140	.192	.259	.301	.377
	TOTAL OBS	177	156	189	171	171	166	185	181	192	170	160	115
22	MEAN												
	S D												
	TOTAL OBS												
ALL HOURS	MEAN	29.192	29.133	29.113	29.130	29.140	29.203	29.175	29.231	29.236	29.189	29.215	29.121
	S D	.326	.345	.268	.200	.190	.152	.145	.145	.201	.266	.295	.388
	TOTAL OBS	953	836	966	909	886	896	982	978	801	925	854	831

LATE
LME